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Lancaster Farming

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4-H club honors Smith, retiring county agent

BY DEBBIE KOONTZ

LANCASTER — For forty-four years of guidance and leadership, the Red Rose 4-H Beef and Sheep Club payed a touching tribute to Max Smith, retiring county agent, at their annual banquet, Thursday, at the Farm and Home Center.

"I was always proud to be a member of this club because it was always a good club Because of our work together through the years, we've grown and we've all learned," Smith committed after being presented a leather coat which he described as "sheep wool and skin"

Following his remarks, amidst a candle-lit room and soft piano music, five associates in the 4-H field honored Smith with humorous stories and fond memories

Judy Zimmerman, Ephrata, retiring 4-H member, said she would always remember his rain coat and hat, his trademark

Fred Linton, Quarryville, told Smith to "be awful careful that you're not busier after you retire than you were when you were working"

Beef and sheep club president, Sarah Brubaker, said, 'We realize that each of us has been only a small part of your life, but in return you've been such a large part of ours"

Others paying tribute were Larry Weaver, 4-H leader, Elvin Hess whose son graduated from 4-H Thursday, and Gary Dean who is involved in 4-H judging.

Smith received a round of applause when it was announced that during his career, he was part of 16 champions, 15 reserve champions and 14 winning livestock teams at the Farm Show.

During the 4-H awards ceremony, Gerald Hess, Conestoga, scooped up three awards for his past year in 4-H. They were: a colored photograph of his steer for being county champion, an electric clock for county beef champion showman, and an award for reserve cham-

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Gerald Hess receives a colored photograph of his steer, the county champion, at the annual 4-H beef and sheep banquet. Presenting the award is Max Smith, retiring county agent, who himself was honored at the ceremony.

Vegetable growers, fruit growers meet

BY SHEILA MILLER

HERSHEY — Fruit and vegetable growers, wine producers and grape growers, by the bushel and peck, turned out on Tuesday to Thursday here at the Convention Center for their associations' annual meetings

Scores of experts in various fields were on hand to enlighten the groups on the latest in research and management in their areas of interest Kicking off the three-day event was Pennsylvania Secretary of Agriculture Penrose Hallowell, talking on the general agricultural economy in the state

At the horticultural workshops, producers learned about consumer concerns and increasing production Panels viewed their experiences in growing apples and other fruit, while specialists made recommendations on proper land use planning, mechanical harvesting, pest management, along with what the best varieties are and how to plant them for top results

The story was similar in the vegetable and grape growers sessions Producers heard updates and panel discussions on the latest in harvesting methods along with disease and insect controls Cultural practices effecting the total yields and methods of budgeting production costs held the groups' attentions

The meetings were highlighted by the presentation of awards and the crowning of queens The latest vintages of wines were sniffed and sipped for their bouquet and quality

As participants crunched apples and polished off gallons of apple cider and tomato juice, they shared experiences and ideas and visited exhibits displaying the latest in fruit and vegetable varieties, machinery, and all the necessities of the packing, processing and growing business

For highlights of the meetings, turn the pages of this week's issue

2 dairymen receive Young Farmer honors

BY DICK ANGLESTEIN

MARIETTA — Farming practices – their success and efficiency – play a sizable role in the selection of an Outstanding Young Farmer.

In the case of Irwin Engle, R1 Marietta, who was selected along with fellow dairyman, Joseph Wivell, R3 Columbia, to this honor, such practices can range from the more unique and unusual, which might be experienced only a single time, to planned, long-range programs of operational improvement.

Engle and Wivell, both members of the Elizabethtown Young Farmers Chapter, have been selected as regional Outstanding Young Farmers. More information on Wivell can be found on page .

Among the more unusual recent farming practices of Engle is the likely distinction of being the last farmer to bale hay in 1980 and the first to resume this normal summertime chore in 1981.

"People who drove past the farm in mid-December and mid-January probably thought I was baling bedding," Engle explained

But as it turned out, it was some real good alfalfa, which we're feeding to the young heifers."

The alfalfa was cut in mid-November immediately after the first killing frost. About half, or some 250 bales, was baled on December 15 An afternoon snow halted the baling at the midway point

The final 250 bales were finally made on January 24 while the ground was still frozen

Engle just got an analysis back on the final batch of bales. It tested out to 22.6 percent crude protein on a dry matter basis.

"The leaves stayed on and it looked real nice," Engle said.

"The top was a little brown, but it was nice and green underneath. The heifers really relish it and there's not a bit of waste."

Engle's wife, Grace, has a name for the mid-January hay.

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Pa. is in line for second land grant school

BY CURT HARLER

OXFORD — Pennsylvania could have its second land grant University before July 1.

Lincoln University, located just East of Oxford in Chester County, is in position to become a land grant school by that time.

K. Leroy Irvis, the powerful Pittsburgh Democrat, is sponsoring HB 2616 which would give Lincoln University land grant status under the federal act of 1890. Irvis has over a dozen co-sponsors for the measure which presently is in the appropriations committee.

Both Herman R. Branson, president of the predominantly black Lincoln University, and observers in other states which currently have black land grant schools, say there should be few conflicts between any 1890 land grant school and any 1862 land grant school Pennsylvania's 1862 school is Penn State University

Should the Pennsylvania legislature approve HB 2616 and the governor sign it, the Secretary of the U.S. Department of Education would get a copy of the measure. At that time Lincoln University would be eligible for federal funding.

"The last I heard it could mean $750,000 for us," Branson said That would represent about one-fifteenth of the University's current operating budget.

Branson said the funds would be used to fund programs in nutrition, home economics, human resources, human development, and consumer programs

He said there probably will be little production agricultural research conducted outside of what would be done by the chemistry department.

He explained Lincoln University is not going into widespread ag research, prefering to leave it to ag businesses.

Plus, he noted, the percentage of people in production agriculture is almost miniscule and the University plans to put its efforts where they will benefit the greatest number of people

Branson said he hopes the measure making Lincoln University a land grant school will be in Washington, D C to the Education Department by July 1, 1981.

The bill has the support of the black college association, leaders in the house of representatives, and many state politicians, Branson said.

Lincoln University is noted primarily as a black school

(Turn to Page A38)

LF modernizes its format

Readers will notice several changes this week in Lancaster Farming. Most obvious will be the wider columns in the news stories on most pages including page 1.

There will be five columns of news at the top of each page rather than six. The five column format won't eliminate any stories.

Reader research shows our new column width is easier to read, more pleasing to the eye. Photographs, in general, can be larger and better displayed.

The editors will attempt to keep regular features right where they were. But because of the change in column width some items, especially the markets, will be in slightly different locations this week and in the future. We will try to keep them snug in their new locations and not have them bounce around any more.

The index, at the bottom of this page, takes on a new, easier-to-read look.

We have added a new cartoon called Hay Haws. It debuts on page 10. - RGC

News and features

Pa apple queen, A20; Berks-Lebanon hogs, A22, Drought conditions, A24; Soil test, A30; Fuel decontrol, B6, Sows on wire, C31; Equipment sales, C38; Ag committees, D4

Dairy reports

Milk security, A28; Lancaster County dairy day, A39, Berks County dairy day, C19, Common Cause's PMMB study, D12, Mifflin DHIA, D13, York DHIA D14

Regular columns

Editorials, A10, Farm calendar A34; Have you heard, C10, Ida's notebook, C13; Joyce Bupp, C14, Ask the VMD, C35, Farm Talk D3, Sheila's shorts D6

Women and youth

Bucks 4-H, A36; Homestead notes, C2; Farm women calendar, C5, Home on the range, C6; Kids Corner, C12; 4-H news, C16, York 4-H banquet, C32; Berks 4-H, D26

Livestock market and auction news

Lancaster Market

Monday, February 2
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	914	123	804	240
Last Monday	1267	113	1048	114
Last Year	540	124	870	92
Monday's Auction	822	126	868	256
Last Monday's Auction	1284	118	1115	152

CATTLE Compared to last Wednesday slaughter steers 50-1 00 lower; slaughter heifers steady; cows steady, instances 1.00 lower; bullocks fully steady, bulls 1 00-2 00 higher Supply included 67% slaughter steers, 12% bulls, 12% cows, with the balance slaughter heifers

SLAUGHTER STEERS High Choice and Prime 3-4 1225-1425 lb. 62.50-63 85, few lots mostly 4 61 25-61.75; Good and Choice 1-2 1100-1400 lb 64.00-65.25; Choice 2-3 1000-1275 lb 61 50-64 00, 3-4 1225-1425 lb 58.00-61.50; high Good and low Choice 2-3 1000-1200 lb 60.50-63 00; Good 2-3 58.75-61.50; Good and Choice 1025-1425 lb. Holsteins 55 50-58 25; Standard 1-2 53 00-56.00

SLAUGHTER HEIFERS Choice 2-3 900-1050 lb 59.00-62 00, few yield grade 2 64 75-67.25; Good 2-3 850-1000 lb 53 25-59.00

COWS. Utility and Commercial 1-3 45 50-48 50, few 48 75-49.75, Cutter 1-2 43 25-46 50, few 47 00-48 00, Canner and low Cutter 38.50-42 50

BULLOCKS Choice 1050-1300 lb 61 00-65.00, couple 68 00-68 75, Good 1000-1250 lb 55.75-60 00, few 60 00-62 25

BULLS Yield grade 1 1300-1800 lb 59 00-63.50, few 64 00-67.00; yield grade 2 1000-1400 lb 54 75-60 00, few 900-1050 lb. 51.75-54 50

VEAL CALVES Vealers mostly steady. Fair demand for Holstein bulls returned to farm.

VEALERS. Prime special fed 300-360 lb 85.00-100.00, around 20 head 105 00, Choice 120-235 lb 85 00-100 00; high Good and low Choice 140-250 lb. 75 00-85 00, 80-115 lb. 50.00-60.00 few 60.00-68 00.

RETURNED TO FARM Few 90-115 lb. Holstein bulls 80 00-90 00

SHEEP: Wooled lambs generally 2.00-3 00 lower, few sale steady; slaughter ewes steady

WOOLED LAMBS Choice 85-105 lb. 55.00-60.00, few 60 00-61 00; Choice 110-125 lb. 53.00-55.00; Good 60-85 lb. 45.00-55.00.

SLAUGHTER EWES: Utility and Good 27.00-33.00.

Vintage Livestock

Tuesday, February 3
Report supplied by USDA

	Cattle	Calves	Sheep
Today	889	665	16
Last Tuesday	929	683	11
Last Year	816	661	22

Cattle Compared to last Tuesday slaughter steers 1 00-2.00 lower; slaughter heifers not fully tested, cows steady to 1 00 lower, with the decline mainly on Utility and Commercial, bulls and bullocks not tested Supply included 65% slaughter steers and 30% cows

SLAUGHTER STEERS High Choice and Prime 3-4 1150-1430 lb 61 00-64 00, few head 64 00-65 00, Good and Choice 1-2 1025-1350 lb 64 50-65 75, 14 head 66 00-67 60, seven head 68 00-71.75; Choice 2-3 1050-1450 lb 60 50-63.10, few 63 25-63 75, Choice 3-4 1175-1450 lb 56 60-61 50, few lots mostly 4 55 00-56 50, high Good and low Choice 2-3 57 00-61 00; few Good 2-3 53 75-56.50, Good and Choice 1200-1510 lb Holsteins 55 00-56 25, few Standard 1-2 50 00-54 50

SLAUGHTER HEIFERS Choice 2-3 875-1150 lb 57 25-60 60, couple yield grade 2 62 00-63 00

COWS Utility and Commercial 1-3 44 25-47 00, few 47 00-49.25, Cutter 1-2 42 50-45 75, few 46.00-47 75, Canner and low Cutter 39 50-42 50

BULLS Few yield grade 1-2 1400-1900 lb 55 00-59 25

VEAL CALVES Vealers firm to 5 00 higher Supply included 520 in graded sale of which 67% sold to return to farm

VEALERS Choice 140-250 lb 96 00-102 00, few 104 00-109 00, high Good and low Choice 160-210 lb 74 00-90.00 115-160 lb 73 00-82 00, 85-115 lb 64 00-73.00, 60-85 lb 55 00-65 00

RETURNED TO FARM 100 head 90-120 lb Holstein heifers 112 00-140 00, and 250 head 90-125 lb Holstein bulls 93 00-102 00

SHEEP Insufficient volume for a market test

Lancaster Auction

Wednesday, February 4
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	549	38	1101	17
Last Wednesday	418	29	698	1
Last Year	483	28	1115	0
Wednesday's Auction	549	38	1141	17
Last Wednesday's Auction	473	29	691	1

CATTLE: Compared to Monday slaughter steers mostly steady, instances 50 lower, slaughter heifers steady; cows steady to 50 lower, instances 1 00 lower; bullocks not tested, few sales bulls steady. Supply included 76% slaughter steers, 12% cows, 8% heifers, balance bulls.

SLAUGHTER STEERS· High Choice and Prime 3-4 1150-1375 lb 61 60-64.00, couple head 64.10-64 75; Good and Choice 1-2 1100-1350 lb 63 75-64 25, couple 65 60-66 00; Choice 2-3 1050-1375 lb 60.50-63 60, Choice 3-4 1100-1450 lb 57.50-61 50; high Good and low Choice 2-3 57-00-61 75; few Good 1-2 56 50-59 00.

SLAUGHTER HEIFERS. Choice 2-3 900-1100 lb 58.75-62 25, few yield grade 2 63.50-65 60, few head Good 850-975 lb 56.00-59 00.

COWS Utility and Commercial 1-3 44 25-47 00, couple 47 00-48.50, Commercial 3-4 38.25-42 25; Cutter 1-2 43 50-46.25; Canner and low Cutter 39.50-42 25

BULLS: Couple yield grade 1 1500-1850 lb. 59 75-61.25, yield grade 2 1200-1500 lb 55 25-58 50

VEAL CALVES. Vealers mostly steady

VEALERS. Couple head low Choice 150-200 lb 80 00-90 00; high Good and low Choice 80-120 lb 50 00-60.00, few 100-115 lb. 60 00-70 00

RETURNED TO FARM Few 90-120 lb. Holstein bulls 75 00-85 00

SHEEP: Insufficient volume for a market test Few Utility slaughter ewes 25 00-26 00

New Holland Livestock

Thursday, February 5
Report supplied by USDA

	Cattle	Calves	Sheep
This Week	874	437	30
Last Thursday	931	523	5
Last Year	723	455	7

CATTLE Compared to last Thursday Slaughter Steers 1 00-1 50 lower, instances 2 00 lower, Slaughter Heifers 50-1 00 lower, cows weak to 1 00 lower, instances 2 00 off Bullocks steady to weak, bulls fully steady Supply included 56 per cent Slaughter Steers, 28 per cent Cows, 8 per cent Slaughter Heifers and 8 per cent Bulls

SLAUGHTER STEERS High Choice and Prime 2-4 1150-1400 lb 61 35-63 25, Good and Choice 1-2 1050-1450 lb 63.25-65 50, five head 67 75-70 00, Choice 2-3 1050-1325 lb 60 75-62 75, Choice 3-4 1200-1425 lb 57 75-60 50, few lots mostly 4 1200-1450 lb 55 00-58 50; high Good and low Choice 2 1000-1375 lb 59 00-61 50, few Good 2-3 55 00-59 50, Good and Choice Holstein 56 75-58 50, couple head 59 00-60 75 few standard 1-2 52 00-56 50

SLAUGHTER HEIFERS Choice 2-3 800-1050 lb 57 75-60 50, few yield grade 2 61 50-62 25, Good 2-3 800-1100 lb 54 50-58 50

COWS Utility and Commercial 1-3 44 00-47 00, few 47 25-49 50, Commercial 3-4 42 00-44 00, Cutter 1-2 42 50-46 50 few 46 75-48 25, Canner and Low Cutter 38 00-42 50

BULLOCKS Choice 1050-1350 lb 58 25-63 25, few 65 00-66 50, Good 1000-1250 lb 55 50-58 50

BULLS Yield Grade 1 1400-1950 lb 57 50-62 25, few 63 25-66 50, yield grade 2 1000-1450 lb 53 25-57 50

VEAL CALVES Vealers mostly steady, demand good for calves returned to farm

VEALERS· Prime Special Fed 320-375 lb 97 00-105 00, choice 140-270 lb 95 00-110 00, few 112 00-120 00, High Good and Low Choice 125-240 lb 75 00-93 00, 80-120 lb 64 00-70 00, few 110-125 lb 70 00-80 00, few 60-80 lb 55 00-64 00

RETURNED TO FARM Bulk 80-120 lb Holstein Bulls 86 00-100 00, few 100 00-106 00, bulk 90-115 lb Holstein Heifers 90 00-110 00 few 110 00-125 00

SHEEP Insufficient volume for a market test, few Good and Choice 70-110 lb Wooled Lambs 51 00-59 00

Lancaster County Weekly

Friday, February 6, 1981

	Cattle	Calves
This Week	3300	1275
Last Week	3704	1355
Last Year	2757	1267

CATTLE: Slaughter steers 1 00-1 50 lower, instances 2.00 lower, slaughter heifers 50-1 00 lower, cows weak to 1.00 lower, extremes 2 00 lower; bullocks steady; bulls generally 1 00 higher Supply included 62 per cent slaughter steers, 21 per cent cows, 6 per cent bulls, 6 per cent heifers with the balance feeder steers.

SLAUGHTER STEERS High Choice and Prime 3-4 1150-1450 lbs 61 00-64 00, few head 64 00-65 00, Good and Choice 1-2 1050-1400 lbs 63 25-65.50, around 30 head 65 50-67.50, extremes 68.00-70.00; choice 2-3 1050-1325 lbs. 60.50-63.50, 3-4 1225-1450 lbs 57 00-61.50, few lots mostly Grade 4 1200-1450 lbs 55 00-58 50; high Good and low Choice 2-3 1000-1375 lbs 57 00-61.50, Good 1-2 55.00-59 00; Good and Choice 1025-1425 lb holsteins 55 00-58 50, few head 59.00-60 75, Standard 1-2 50 00-56.00

SLAUGHTER HEIFERS Choice 2-3 850-1150 lbs. 57 75-62 25, few Yield Grade 2 62.50-67 25; Good 2-3 800-1000 lbs. 54.50-59 00

COWS: Utility and Commercial 1-3 44.00-47.00, few 47 00-49 75, Commercial 3-4 38 25-44.00, Cutter 1-2 42 50-46.50, few 46 75-48 25, Canner and low Cutter 38 50-42 50

BULLOCKS· Choice 1050-1350 lbs 58.25-65.00, few 65 00-68 75, Good 1000-1250 lbs 53 25-60 00

BULLS: Yield Grade 1 1300-1950 lbs 57 50-62.25, few 62 50-67 00 Yield Grade 2 1000-1450 lbs 53 25-60 00, few 900-1050 lbs 50 00-54 00

VEAL CALVES Vealers mostly steady, instances 5 00 higher on high Good and low Choice 60-120 lbs Demand good for calves returned to farm

VEALERS Prime special fed 290-380 lbs 88 00-100.00, few 100 00-105 00, Choice 140-270 lbs 92 00-110 00, few 110 00-120.00, high Good and low Choice 125-240 lbs 73 00-93 00, 80-120 lbs 64 00-70 00, few 110-125 lbs 70 00-80.00, 60-85 lbs 55 00-65 00

RETURNED TO FARM Bulk 80-120 lb Holstein bulls 86 00-100 00, few 100 00-106 00; bulk 90-120 lb Holstein Heifers 90 00-125 00, few 125 00-140.00

LANCASTER STOCKYARDS
WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

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WEDNESDAY'S AUCTION
12 00 Noon Dairy Sale
1 30 P M Feeder Pig Sale

THURSDAY S AUCTION
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Hog Markets

Lancaster Hogs

Saturday, January 31
Report supplied by USDA
& Auction

950 hogs.

US 1 210-235 lbs. 47.00-49.00, few to 50.00; US 1 & 2 200-245 lbs. 43.85-44.25; US 2 & 3 200-255 lbs. 43.00-43.75; Sows 350 lbs. and up 33.00-37.25; Boars 200 lbs. and up 29.00-31.00.

Monday, February 2

HOGS: Barrows and gilts 2.00-2 50 higher; sows steady, instances 1.00 lower.

BARROWS AND GILTS: US 1 200-245 lbs. 45.00-46.00, Few Selected 47.00-47 50; US 1-2 200-255 lbs 44.00-44.75, US 1-3 230-265 lbs. 43.00-44.00.

SOWS: US 1-3 400-550 lbs. 35.00-37 00, few 37.00-37.50; US 2-3 350-600 lbs. 34.00-35.00.

Wednesday, February 4

HOGS: Barrows and gilts mostly 1.50 higher

BARROWS AND GILTS: US 1 200-245 lbs. 45.75-46.75, Few Selected 47 00-47.50; US 1-2 200-255 lbs. 45 00-46.00; US 1-3 230-265 lbs. 44.35-45 00.

New Holland Hogs

Monday, February 2
Report supplied by USDA

Today	1622
Last Monday	1345
Last Year	2003

TREND: Compared to last Monday barrows and gilts 2.00-2 50 higher.

BARROWS AND GILTS: US 1-2 200-245 lbs. 43.50-44 25, Couple lots 44.35; US 1 205-245 lbs 45.00-45.50; US 1-3 220-260 lbs. 43.00-43.50; One Lot US 2-3 275 lbs. 41.00.

New Holland Feeder Pigs

Wednesday, February 4
Report supplied by USDA

Today	485
Last Wednesday	555
Last Year	665

TREND: Compared to last Wednesday feeder pigs mostly steady 5.00-10.00 higher, small supply US 2-3 35-60 lbs. 10.00-20.00 higher. All pigs weighed on arrival and sold by the hundred weight

GRADE US 1-2. 54 head 29-39 lbs. 67.00-68.00; 69 head 40-49 lbs. 56.00-67.00; 60 head 50-59 lbs 56.00-62.00; 14 head 66 lbs. 52.00; 52 head 70-95 lbs. 42.00-51.00.

US 2-3. 20 head 38-41 lbs. 59.00-64.00; 30 head 50-59 lbs. 47.00-57 00; 38 head 70-95 lbs. 38.00-44.00.

US 3: 17 head 27-43 lbs. 35.00-45.00

UTILITY: 43 head 35-50 lbs. 35.00-40.00

Lancaster Feeder Pigs

Tuesday, February 3
Report supplied by USDA

Today	613
Last Tuesday	1549
Last Year	1324

TREND: Compared to last Tuesday, small supply US 1-2 15.00-20.00 higher, insufficient volume US 2-3 for a market test. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 48 head 30-35 lbs. 61.00-63.00; 287 head 40-49 lbs. 60 00-65.00; 70 head 50-59 lbs. 51.00-58.00, 75 head 60-65 lbs. 48.00-53.00; 29 head 70-85 lbs. 37.00-43 00

US 2 12 head 56-59 lbs. 43.00-45.00.

US 2-3: 30 head 30-50 lbs. 47.00-60 00.

Indianapolis Hogs

Wednesday, February 4
Report supplied by USDA

HOGS: 1600 - Barrows & gilts moderately active at best, uneven, generally weak to 50 lower. Mostly US 1 85 head 220 lbs 44.25, US 1-2 200-240 lbs. Unevenly 42 75-43.75, mostly 43.00-43.50.

SOWS. Moderately active, steady to 75 lower. (10%). US 1-3 300-400 lbs. 35.50-36.00; Few 425-475 lbs. 37.00-40.00; 500-600 lbs 41.00-42.00; Medium 300-400 lbs. 35 00-35.50.

BOARS: Under 250 lbs 36.00; over 250 lbs. 30 00-33.00.

St. Louis Hogs

Wednesday, February 4
Report supplied by USDA

HOGS: 6000 - Barrows & gilts moderate, steady to 75 lower, most decline on weights under 250 lbs US 1-2 200-240 lbs. 42.00-42.50; US 1-3 230-260 lbs. 41.00-42.00.

SOWS: Steady to 1.00 lower (About 12%). US 1-3 300-500 lbs 37.00-38.00; Over 500 lbs. 40 00-41 00.

BOARS: Over 300 lbs. 200-250 lbs. 35.00

Peoria Hogs

Wednesday, February 4
Report supplied by USDA

HOGS. 3500 - Barrows & gilts slow, 1.00-2.00 lower. US 1-2 200-240 lbs. 42.50-43.00, about 250 head 43.25-43.50; US 1-3 200-240 lbs 41.50-42.50.

SOWS 1 00-3 00 lower. (18%). US 1-3 350-450 lbs 39.00-40 00, 450-500 lbs. 40 00-41.00; 500-650 lbs. 41.00-43.00.

BOARS: Over 350 lbs 35 50, under 350 lbs. 31.00-36 00.

Pa. Grain

Monday, February 2
Report supplied by PDA
Closing Bids

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 10 cents lower. Wheat uneven, mostly steady to weak. Barley mostly steady. Oats steady to strong Ear Corn uneven, mostly steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton)

Southeastern Pa.

Corn No. 2-y range 3 60-3.95, average 3.81; Wheat No. 2 range 4.30-4.71, average 4 52; Barley No. 3 range 2.50-2.95, few reported 3.25, average 2 87; Oats No. 2 range 2 40-2.85, average 2.58; Soybeans No. 1 range 6.75-6.85, average 6 79; Grain Sorghum No 2 range 3.00, average 3.00; Ear Corn 100 00-120 00, average 109.00

Central Pa.

Corn No 2-y range 3.60-3.85, few reported 3 95, average 3 77; Wheat No 2 range 4.00-4.70, average 4 38; Barley No 3 range 2.30-2.60, average 2 39; Oats No. 2 range 2.20-2.50, average 2.36; Grain Sorghum No 2 range 3.80, average 3 80; Ear Corn 102 00-110.00, average 106.00.

South Central Pa.

Corn No. 2-y range 3.60-3.90, average 3.73; Wheat No 2 range 3 80-4.50, mostly 4.00-4 25, average 4 09; Barley No. 3 range 2 50-3 15, average 2.75; Oats No 2 range 2 40-2.70, few reported 2 95, average 2 58, Ear Corn range 100 00-110 00, few reported 120 00 average 106.38

Western Pa.

Corn No. 2-y range 3 50-3.75, average 3.58; Wheat No 2 range 3.95-4.00, average 3 98, Barley No. 3 few reported range 2.15, average 2.15, Oats No 2 range 2 00-2.40, few reported 1 80, average 2.11, Ear Corn range few reported 90.00-91 50, average 90.75.

Southeastern, Central & South Central Summary

Corn No 2-y range 3 60-3 90, average 3.78; Wheat No 2 range 4.00-4 70, average 4.38, Barley No 3 range 2 50-3.00, average 2.70; Oats No. 2 range 2 30-2 75, average 2.49, Ear Corn range 100.00-116.00, average 107 44.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, Jan. 8
Report supplied by USDA Estimated Daily Livestock Slaughter Under Federal Inspection

CATTLE	CALVES	HOGS	SHEEP
1-5 (Est)			
124,000	9,000	358,000	23,000
Week Ago (Est.)			
126,000	10,000	361,000	24,000
Year Ago (Actual)			
118,000	8,000	368,000	21,000
Week to Date (Est.)			
487,000	39,000	1,443,000	90,000
Same Period Last Week (Est)			
497,000	43,000	1,463,000	94,000
Same Period Last Year (Act.)			
463,000	34,000	1,366,000	82,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday Feb. 5)

	Corn	Wheat	Soybeans	Soybean Meal
March	3.64	4.71¼	7 54½	219.70
May	3.74½	4.79¼	7 81½	228.20
July	3 80¾	4.65¾	8 03¾	235.00

Trend - Corn is higher, Wheat is lower, Soybeans are higher, Soybean Meal is lower

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday Feb. 5)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Feb.	61.72	43.85	
Mar.			13 93
Apr.	66.42	46.55	16 95
June	68.62	51.02	

Trend - Cattle are higher, Hogs are higher. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Hunter's Auction

Monday, February 2
Rising Sun, Md.
Report supplied by auction

COWS: High Choice to Prime 47 25-48.75; Good to Standard 46.50-47 50; Utility 44.50-45 75; Cutters 42 25-44.00; Canners 37 75-43.50.

CALVES Prime 200-290 lbs. 87 00-91.00; High to Choice 140-180 lbs. 78 00-89.00; Good to Choice 120-140 lbs. 71.00-88.00; Standard to Good 90-115 lbs. 65.00-80 00; Utility 75-85 lbs 57 00-64 00, Low Utility 65-75 lbs. 50 00-62.00.

FEEDER PIGS. 25-30 lbs. $12 to $16 by hd.; 35-45 lbs. $20 to $30 by hd

HOGS: 140-180 lbs. 28 00-35.00; 190-210 lbs. 38.00-45.00.

SOWS. 30.00-37 50.

BOARS: 30.50-35.00.

SHEEP: 41.00-52.00.

GOATS Billies $35 to $52 by hd.; Nannies $23 to $31 by hd.; Kids $18 to $27 by hd.

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Poultry Markets

N. E. Weekly Shell Egg Report

Tuesday, Feb. 3
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores

	Ex. Large	Large	Medium	Small
MASS +	90-97	89-96	85-92	61-68
Mostly	92-95	91-94	87-90	63-66
N HAMP.	85-92	84-91	80-87	56-63
Mostly	87-90	86-89	82-85	58-61
R I.	94-95	93-94	89-90	65-66
VERMONT	96-101	91-99	87-93	–
Mostly	94-97	93-95	89-90	–
MAINE	90-91	89-90	85-86	61-63

+ Includes Central and Western Sections only

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N H and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week This week's prices for each classification were

Classification	Net Weight Per Case	Feb. 3 Tuesday	Feb. 5 Thursday
Class 1 - Large	48 lbs.	56	55
Class 2 - Large	45 lbs.	55	54
Class 3 - Medium	42 lbs.	54	50
Class 4 - Small	39 lbs.	47	44
Breaking Stock	48 lbs.	46	46
Checks	48 lbs.	41	41

Eastern Pa. & N.J. Poultry

Wednesday, February 4
Report supplied by USDA

Prices unchanged on light type hens Farm offerings generally adequate for a good processor demand, however future offerings indicated as lighter Offerings of heavy type adequate for a fair interest

Prices paid at Farm

Lightweight at farm 9-10, mostly 9½

FOB plant 12-13, mostly 12½

Heavyweight TFEWR

Philadelphia Eggs

Wednesday, February 4
Report supplied by USDA

Prices unchanged to lower on all sizes Cartoning fair though occasionally less aggressive than expected Offerings ample and often freely offered Undertone weak and unsettled

Prices to retailers Sales to volume buyers, consumer grades white eggs in cartons, delivered, store door

A Extra Large 72-80, A Large 71-78, A Medium 67-73½

Weekly New York Egg Market

From Friday, Jan. 30 to Feb. 5

	Fri.	Mon.	Tues	Wed.	Thurs.
WHITE					
Jumbo	78	78	75	74	74
Ex Large	75	75	72	71	71
Large	75	75	72	71	71
Mediums	72	72	69	66	66
Pullets	61	61	58	55	55
BROWN					
Jumbo	94	94	92	92	92
Ex Large	90	90	88	88	88
Large	89	89	87	87	87
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	65	65	63	63	63
Checks	38	38	37	37	37

Tone Large barely steady Balance medium easy
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Baltimore Eggs

Wednesday, February 4
Report supplied by USDA

Prices unchanged to 3 cents lower Demand improving but is mostly fair Supplies ample.

Large	75-80
Medium	72-77

Delmarva Poultry

Wednesday, February 4
Report supplied by USDA

RTC movement continues fairly good on all items except light on giblets. Slaughter schedule overall reduced slightly as occasional plants not operating Today's LTL asking prices mostly 53-54 on Plant and 54-44 on U S Grade A. Advance interest slow in developing beyond this week Live supplies adequate with weights in a wide acceptable range Undertone firm

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva

RANGE U S Grade A 51-54, Plant Grade 51-53, Premium (X) U S Grade A 55

WTD AVERAGE: U S Grade A 53 12, Plant Grade 52.30, Premium (X) U S. Grade A 55 00

(X) - Includes special services, selected competitive brands etc

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, February 3
Report supplied by auction

MUSCOVY DUCKS, DRAKES range .90-1 00

MUSCOVY DUCKS, HENS range 70- 84

PEKIN DUCKS range 50- 60

RED FOWL 4-5 lbs range 18-22

RED FOWL 5-7 lbs range 30-36

CROSSBREED HENS 7-9 lbs range 30-.38

CROSSBRED ROOSTERS 4-6 lbs range .50- 60

CROSSBRED ROOSTERS 7-10 lbs range 25- 32

GUINEAS range 1 15-1 25

GEESE: 8-10 lbs range 40- 48

GEESE: 12-14 lbs range 50- 62

TURKEYS. range 55- 60

PIGEONS range .75-1 00 ea

WHITE PIGEONS range 2 75-3 00 ea

RABBITS 4-6 lbs range 90-1 00

RABBITS 7-10 lbs range 70- 83

TOTAL COOPS 363

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, January 27
Report supplied by USDA

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE. range 5-8, mostly 8.

HENS, HEAVY TYPE range 10-36, mostly 30.

PULLETS range 42-56, mostly 56

ROASTERS range 41

FRYERS. range 44.

DUCKS. range 59-77, mostly 77

RABBITS range 71-95, mostly 88.

GUINEAS. range 152

PIGEONS (PER PAIR) range 200-600, mostly 280.

TOTAL COOPS SOLD 300

Special Draft Horse and Mule Sale

Friday, January 30
Report supplied by auction

Reported receipts of 410 head of horses and mules

Load of draft horses, Illinois 1250 00-1450.00 singles, 2 Loads of Draft horses and mules, Kentucky, 1000 00-1175 00 mules, 875 00-1400 00 horses singles, 1950 00-2300 00 mules, 2000 00-2600 00 horses pairs, 2 Loads of Draft horses and mules, Tennessee, 900 00-1375.00 horses singles, 1600 00-2625.00 mules, 1975 00-3900 00 horses pairs, Load of Draft Horses, Virginia, 850 00-1150 00 singles, 1700.00-2350 00 pairs, Load of Draft horses, Michigan, 975 00-1650 00 singles, 1975.00-4300 00 pairs; Load of Driving horses, Kentucky 750 00-1275.00; Load of Driving horses, Tennessee 875 00-1200 00, Load of Driving horses, Pennsylvania 690.00-1475 00, Load of Driving horses, Illinois 650 00-1025 00, Load of Driving horses New York 650.00-1350.00

Local draft horses 750.00-2025.00 single, 1800.00-3400 00, pairs, mules 650.00-1400 00 single, 1150 00-2600 00 pairs, Driving horses 700 00-1350 00.

Lancaster Farming

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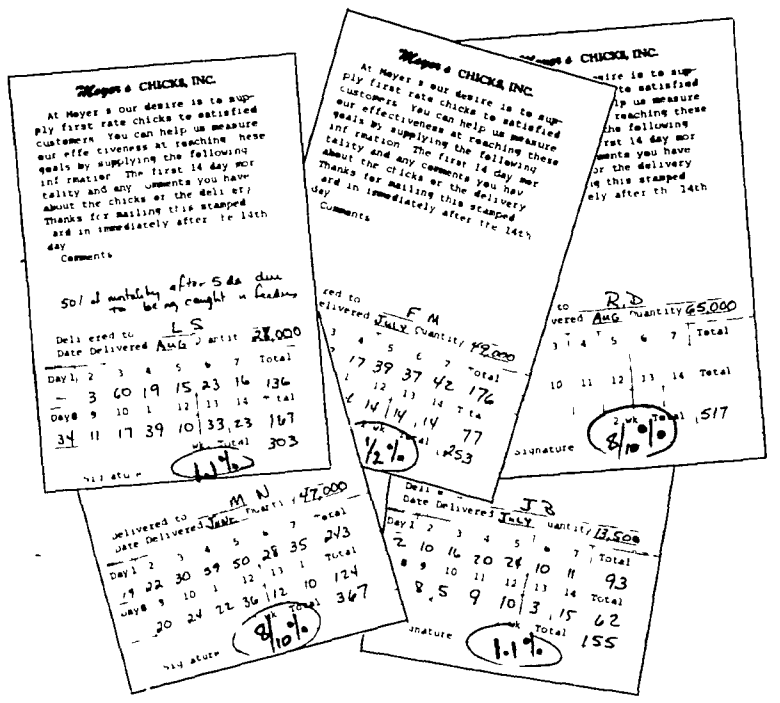

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J Shephard Wolff of Valley Acres Farm, RD #1, Newville, Pa., reviews forage sampling operation with Penn Pro Gene Schlosnagle while (inset) Mike Thomas Supervisor of Quality Control, analyzes another forage sample in Pennfield's in-house laboratory

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Livestock market and auction news

Hay Markets

Regional Hay

Friday, January 30
Report supplied by PDA

(All hay No 2 and better, prices paid by the dealers at the farm and per ton.)

Hay and Straw steady to strong

Alfalfa 85 00-110, few 130 00, Mixed hay 65 00-85 00; Timothy hay 60 00-80.00; Straw 45 00-60 00, Mulch 30.00-40.00.

Green Dragon Hay

Ephrata, Pa.
Friday, January 30
Report supplied by PDA

114 loads Hay and 39 loads Straw

Alfalfa 85 00-130, few 142 00, Mixed hay 61 00-117, individual 125 00, Timothy hay 65 00-89, few to 104 00; Clover, individual's 83 00 & 105 00; Orchard Grass, individual's 59 & 69 00, Straw 45 00-62, few to 70 00, Ear Corn, 17 loads 121 00-131, individual 115

Beil's Hay

York Springs, Pa.
Friday, January 30
Report supplied by auction

11 loads

Mixed 60 00-72 50, Timothy 65 00-72 50, Mulch 60 00, Straw 55 00

Good's Hay

Leola, Pa.
Wednesday, February 4
Report supplied by auction

187 loads

Alfalfa, one at 95 00, others 121 00-165 00; Timothy 77 00-107 00, Mixed 80 00-141 00, Straw 49 00-66 00, Clover 115 00-130 00, one Orchardgrass 68 00, Corn 122 00-135 00, two Fodder 52 00 & 53 00, Oats 1 05 bu

Keister's Hay

Middleburg, Pa.
Tuesday, February 3
Report supplied by auction

25 loads of hay and 10 loads of straw.

Alfalfa 115 00-131.00, Mixed 60 00-100 00; Timothy 70.00-105 00, Straw 56 00-66 00, Ear Corn 122 00

New Holland Hay

New Holland Sales Stables
Monday, February 2
Report supplied by auction

73 loads

Alfalfa 110 00-180 00; Timothy 70.00-104 00, Mixed 48.00-124 00, Straw 50.00-55 00; Corn 121 00-130.00.

Vintage Hay

Vintage Sales Stables
Thursday, February 5
Report supplied by auction

27 loads

Mixed 65 00-172 50, Alfalfa 110 00-147 00 Straw 48 00-65 00, Ear Corn 125 00, one load of wood 20 00

Carlisle Auction

Carlisle, Pa.
Tuesday, January 27
Report supplied by auction

CATTLE STEERS Standard 60 25-64 50 Utility 52 75-59 00 HEIFERS Good 56 00-57 75 Utility 45 50-52 25 COWS Utility & Commercial 44 00-46 85 Individual 49 00 Cutters 39 00-44 00 Canner & Low Cutter 36 50-40 00 BULLS Yield Grade No 1 52 50-57 75

FEEDER STEERS 53 00-68 00

CATTLE HEIFERS 54 00-58 50 BULLS 53 00-72 00

CALVES VEALERS Choice 85 00-99 50, Good 75 00-90 00, Standard & Good 70 00-85 00

FARM CALVES Hol Bulls 93 00-107 00, Hol Heifers 90 00-125 00

HOGS Barrows & Gilts 42 35-43 00, US No 1-2 40 85-41 50 US No 1-3 38 00-40.00 SOWS US No 1-3 36 00-39 00, No 2-3 32 00-37 50 Boars 31 00-32 00

FEEDER PIGS US No 1-3 11 00-18 00, No 1-3 16 00-27 00

SHEEP LAMBS Good 45 50

Dewart Auction

Dewart, Pa.
Monday, February 2
Report supplied by PDA

CATTLE 128. Compared with last week's market, slaughter cows about steady. Few Choice slaughter steers 62 00-64 35, Good 58.75-62 50, few Standard 52 25-58 85 Individual Choice slaughter heifer at 58 00. Utility and Commercial slaughter cows 42 50-46 50, Cutters 41 00-44 00, Canner and Low Cutters 37 00-41, few Shells down to 36 50. Few Yield Grade #1, 1350-1980 lbs slaughter bulls 54 35-57 25 One Lot Medium Frame #1, 650-750 lbs feeder bulls at 62 50

CALVES 178 Vealers about steady Few Good and Choice vealers 83 50-92 50, Standard and Good 70-95 lbs 60 00-70, Utility 50-85 lbs 45 00-55 00 Farm Calves Hol Bulls 90-125 lbs 70.00-97, couple 105, few Hol Heifers 90-200 lbs 82 50-150 00

HOGS 358 Barrows and gilts strong to $1 25 higher US No 1-2 205-230 lbs barrows and gilts 43 70-44 20, few 44 80, No 1-3 2-250 lbs 41 90-43 70, one lot No 2-3 275 lbs at 41 60, No 1-3 170-190 lbs 37 50-40 00 US No 1-3 375-500 lbs sows 36.00-37 00 Few Boars 25 00-31 00

FEEDER PIGS 83 Few US No 1-3 15-20 lbs feeder pigs 9 00-10 00 per head, No 1-3 35-45 lbs 20 00-24 50 per head

SHEEP 3 Not enough of any one grade to fully establish a market

East Coast Carlot

Wednesday, February 4
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal no sales reported. Good and Choice boning veal steady to 2.00 higher Compared to last week, limited sales boneless beef weak to 2.00 lower.

VEAL CARCASS
HIDE ON

No sales reported

BONING TYPE
HIDE ON
Good and Choice

Northeastern Suppliers 65-75 lbs 88 00-92 00, all steady-2 00 higher; 55-64 lbs 86.00-90 00, 45-54 lbs 84 00-88 00; 35-44 lbs 82.00-86 00, 34 lbs down 80.00-84 00

Inshipped 71-80 lbs 92 00, all limited; 61-70 lbs 90 00, all generally steady; 51-60 lbs 88 00, 41-50 lbs. 86.00; 30-40 lbs. 84 00.

LAMB CARCASS
Choice & Prime 3-4
2 Loads

55 lbs. down 128.00

60 lbs. down 117 00-117.50, part loads

BONELESS BEEF
7 Loads
(U.S. and Canadian Origin)

90 pct chem lean fresh 123 00 weak

85 pct chem lean fresh 110 00-112.00, including late yesterday, 2 00 lower

CURED AND PROCESSED MEATS
9 Loads

Skinned Hams. 16-20 lbs. 72 50

Semi-Boneless Hams. 14-17 lbs 97.00 steady.

Boneless Hams 13-17 lbs 123 00 steady

Picnics 5-7 lbs 66.00

No 1 Sliced Bacon, Vacuum Pack, 1 lb pkg. 113 00 steady

Franks, 70 Beef, 30 Pork, 1 lb Pkg 95.00 steady

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Livestock market and auction news

St. Louis Cattle

Thursday, February 5
Report supplied by USDA

Receipts This Week:	3,900
Week Ago:	5,000
Year Ago.	4,500

Compared to the previous week's close, slaughter steers 2 50-3.00 lower, except holstein steers steady to weak. Slaughter heifers through mid week 1.00-1.50 lower, not tested late. Cows 2 00-3.00 lower. Bulls weak to 1.00 lower. Slaughter supply mainly Choice and Mixed Choice and Prime 2-4 1050-1250 lbs. steers with several 3-5 steers and heifers; 35% heifers and 10% cows.

SLAUGHTER STEERS. Mixed Choice and Prime 2-4 1050-1275 lbs. 61.00-61.50 early, not tested late, 3-4 1075-1250 lbs 59.00-60.00 early, not tested late; 3-5 1025-1175 lbs. 55.00-57.75 late. Choice 2-4 950-1300 lbs 58.50-61.00, closing 58.50-60 00; 2-3 950-1100 lbs. 60.00-62.00, closing 60.00-60 75. Mixed Good and Choice 2-4 900-1200 lbs 58.50-60.00 early, not tested late. Good 2-3 900-1175 lbs. 57.00-58.60. Standard to Good 2-3 1050-1425 holsteins 52.00-56.00, mostly 52.00-55.00.

SLAUGHTER HEIFERS. Mixed Choice and Prime 2-4 875-1050 lbs. 59.00, package 59.50 early, not tested late; 3-4 900-1025 lbs. 56.00-58.00, 3-5 900-1245 lbs. 53.00-57.00; package 5's 1170 lbs. 45 00. Choice 2-4 800-1050 lbs. 57.50-59.00 early, not tested late. Mixed Good and Choice 2-3 700-1000 lbs 56.00-57.50. Good 2-3 700-950 lbs. 54.00-56.00.

COWS Closing week sales Utility and Commercial 2-4 38.00-42 00. Boning Utility 1-2 42.00-44 00 Few High-Yielding Holsteins 44 50-45 00. Cutter 1-2 37 00-41.00. Canner and Low Cutter 1-2 33.00-37.00.

BULLS: Yield Grade 1-2 1050-1900 lbs 49.00-54.00 Individual Yield Grade 1 1130 lbs. 54 75.

FEEDERS: (Including around 700 at the regular Thursday auction) Feeder steers generally 1 00-3 00 lower, except scattered lots 875-1000# steady to firm. Feeder heifers wak to 2.00 lower Light supply mainly medium frame 1 and mixed medium frame 1-2 400-650# steers and 350-600# heifers

FEEDER STEERS. Medium Frame 1 lot 287# 81 00; 300-475# 68 50-71 50; lot thin 445# 74.25, 525-600# 67 00-68.00, scattered lots 875-1000# 60.00-62.00. Medium Frame 1 and some Small Frame 1. 350-500# 60.00-66 00, mostly 62.50-65.00, 600-800# 58.00-62 00. Scattered Lots Medium Frame 1-2: 450-600# bulls 58.00-62 50; lot 385# 65 25. Large Frame 2 Holsteins: Scattered lots 400-990# 50.00-55 25.

FEEDER HEIFERS Medium Frame 1 350-500# 57.50-61 00; few lots 535-540# 57 25-59.00. Medium Frame 1-2 and Some Small Frame 1 370-425# 55.00-55.50, 525-560# 50 00-53 00.

THE OLD FARMER'S ALMANAC

FEB. 9-15, 1981

Get out your shovel or stay in your hovel.

Timber cut now is less subject to decay Northern thunder now, as strange as it seems, means fine fall crops First quarter of the moon Feb 11 Average length of days for the week, 10 hours, 30 minutes Civilian auto production halted for duration of WWII Feb 10, 1942 London Bridge fell down Feb 13, 1098 *Money is like an arm or leg — use it or lose it*

Ask the Old Farmer: I have just finished a chair-caning class and I am wondering, why did anyone cane a chair in the first place? L L, Cleveland

The "rush-bottomed' chair-was used in Europe long ago, because people couldn't afford to buy lumber for wooden chair seats, or leather either, still they appreciated a comfortable chair

Home Hints. To add extra life to sweaters beginning to wear thin at the elbows, cut a piece of nylon mesh hose and sew it to the inside of the sweater sleeve at the point of weakness

OLD FARMER'S WEATHER FORECASTS

New England: Snow in mountains at start of week, then partly sunny, showers, and mild, weekend is sunny

Greater New York-New Jersey: Partly sunny skies, mild temperatures, showers through midweek, then flurries north, and rain south weekend

Middle Atlantic Coastal. Week begins very warm, with showers, rain midweek, changing to snow by week's end

Piedmont & Southeast Coastal· Showers and mild all week, then sunny and warm, rain central, end of week

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Shenandoah Valley Livestock

Harrisonburg, Va. ·
Saturday, January 31
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 75.00-80.00; Medium 70.00-74.75; Plain 69.00 and down; Good Heavy Steers 65.00-70.50; Medium 60.00-64.75; Plain 59.00 and down; Holstein Steers 57.50 and down; Good Light Heifer Calves 55.00-59.00; Medium 50.00-55.00; Plain 45.00 and down; Good Heavy Heifers 50.00-55.00; Medium 45.00-49.75; Plain 40.00 and down; Slaughter Cows 45.00-49.00; Utilities 40.00-44.75; Canners & Cutters 40.25 and down; Milk & Stock Cows 500.00 and down; Stock Bulls 53.75 and down; Slaughter Bulls 53.50 and down.

CALVES: Veal Calves 94.00 and down; Baby Calves 108 00 and down.

SHEEP & LAMBS: Choice Blue O 54.50; Good Red O 44.25; Feeder Lambs 41.50-43.75; Slaughter Ewes 20.00 and down; Stock Ewes 68 00 and down.

HOGS. Top 41.60, Heavy 37.50-40.70; Sows 34.00 and down; Boars 26.75; Butcher Hogs 40.50

Valley Livestock

Valley Stockyards
Athens,Pa.
Monday, February 2
Report supplied by auction

Reported receipts of 83 cows, 7 bulls, 318 calves, 6 heifers, 5 steers, 62 hogs, 0 lambs, 2 sheep. Cattle market reported higher, calf market reported steady.

Holstein Heifer Calves to 137.50; Veal Calves to 100.00; Bobs, 90 to 110 lbs. 68.00-110 00; Bobs, 80 and down lbs. 50.00-63.00; Grassers & Feeders 42.00-68 00, Lambs none; Sheep 15 00-32.00; Hogs, 200-250 lbs. 36.00-44.00; Sows 33.00-38.00; Boars 24 00-28.00; Pigs 6.00-10.50; Heifers 48.00-53.00; Steers, medium 45.00-50.00; Steers, feeder 46.00-58.00; Bulls 49.00-58.25; Cows, utility 46.00-48.00; Cows, fat 42.00-43 50; Cows, medium 43.00-45.00; Cows, poor or small 32.00-41 00; Horses small to 540.00; Ponies to 135.00; Goats to 45 00.

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA

COWS COWS COWS

BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.

Lots of good Northern Feeders and Stockers.

SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.

WALTER H. RISSER, Proprietor

I'M NOT LION...
The Classified Livestock Section Has Beastly Selections!

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OF LEGHORN FOWL

J.B. KELLER & BRO. DAIRY COWS

Mount Joy, Pa. 17552

REGISTERED HOLSTEIN BULLS

CHAPEL-BANK APACHE, born 4/13/80 Dam-83 pt. Round Oak Rag Apple Elevation 3-3, 340, 23,269 823 3 6 Gr Dam 80 pt Paclamar Astronaut 4-6 305 19,820 672 3.4

POVERTY-HOLLOW MILESTONE, born 12/8/79 Dam-87 pt Round Oak Rag Apple Elevation 4-1 316 17,259 792 4.6; 5-1 295 17,163 760 4 4; 6-0 353 20,901 927 4 4

LAWCREST MARVEX, born 2/20/80 Dam-87 pt Sunnyside Standout 7-3 305 17,800 680 3.8

PAWNEE FARMS ARLINDA CHIEF, born 8/30/79 Dam-Paclamar Astronaut 2-1 15,076 3 3 490

HILLTOP APOLLO IVANHOE, born 1/23/80 Dam-Burkover Royal Star 2-1 293 16,072 548 3 4 Gr Dam Paclamar Astronaut 4-6 305 19,820 672

SHARDALE ARLINDA CHIEF JEMINI, born 4/16/80 Dam-86 pt Paclamar Astronaut 6-0 332 17,748 777 4.4 Gr Dam 80 pt. Rag Apple Charmer 5-6 310 19,247 694 3 6

GLEN VALLEY STAR, born 2/13/80 Dam-85 pt Round Oak Rag Apple Elevation 5-4 305 18,887 753 4 1 (proj)

PENSTATE IVANHOE STAR, born 5/9/80 Dam-Ivanhoe Mt. Provin Jewel 2-5 348 16,525 3 5 581

STRAIGHT-PINE ELEVATION PETE, born 6/29/80 Dam-Kingpin.

Also High Quality Grade Cows and Heifers

Transportation and financing available

STEVE KELLER 717-653-2284
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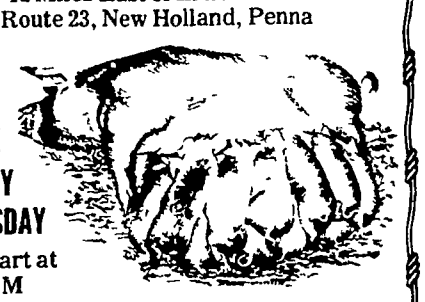
HAY AUCTION
EVERY FRIDAY - 1:30 P.M.
HORSE AUCTION - 7:30 P.M.
BEIL'S SALES
1 Mi. North of York Springs on Rt. 15
717-334-7224, David W Martin

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1 30 P M



We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
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Calf Sale To Be Held Every Thursday At 3:30 P.M.

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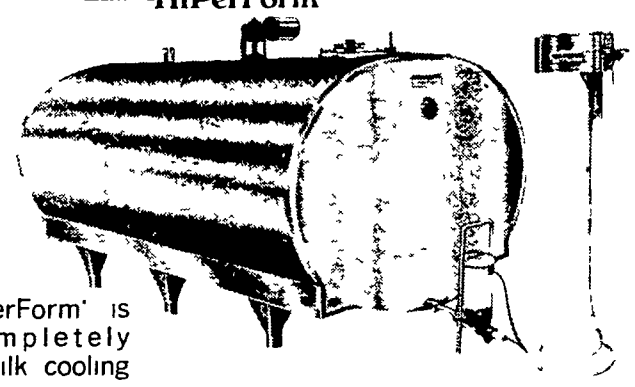
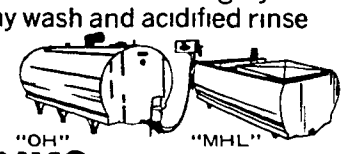
YOUR MILK QUALITY GUARDIAN...
MUELLER HiPerForm



Mueller HiPerForm' is the completely automatic milk cooling system for progressive dairymen Durable HiPer-Form Model "OH" and "MHL" Milk Coolers feature large-radius corners and smooth stainless steel welds for easy cleaning Cooler capacities range from 300 to 6000 gallons With the flip of a switch, Mueller-Matic Automatic Washing System cleans the cooler interior with jet-spray wash and acidified rinse

Ask us for details on HiPerForm milk coolers



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Livestock market and auction news

Eighty-four Auction

Eighty-four, Pa.
Monday, February 2
Report supplied by PDA

CATTLE 150. Compared with last Monday's market, slaughter cows unevenly steady. Choice slaughter steers 63.50-66.00, one Good 58 00, few Utility 43 00-46.75 One Choice slaughter heifer at 62.50, one Good 58 00, few Standard 45.00-48.00. Utility & Commercial slaughter cows 43.00-46.75, Cutters 40.00-44.00, Canner & Low Cutter 38.00-40.50, Shells down to 30.00 Yield Grade #1-2 900-1450 lbs slaughter bulls 46 25-55.00. Medium & Large Frame #1 300-550 lbs. feeder steers 55.00-68 00, Medium & Large Frame #1 300-550 lbs. feeder heifers 50.00-60 00; Medium Frame #2 500-650 lbs. feeder bulls 54.00-58.00

CALVES 200. Vealers steady Few Prime vealers 105.00-112.50, few Choice 95 00-102 00, Good 80.00-90 00, Standard & Good 90-120 lbs 70 00-80 00, few 70-85 lbs 60 00-68 00, few Utility 55-130 lbs 48 00-58 00 Farm calves, holstein bulls 85-125 lbs. 85 00-105.00, holstein heifers 85-125 lbs 100.00-145 00

HOGS 90 Barrows & gilts unevenly steady One lot US No 1-2 230 lbs. barrows & gilts 42.50, No 1-3 40.25-42.25, few No. 2-3 230-275 lbs 38.00-40.00 US No. 1-3 300-500 lbs sows 31.00-40 00. Boars 27 00-29 00

FEEDER PIGS 25 US No 1-3 30-40 lbs. feeder pigs 5 00-9 00 per head, No. 1-3 95-100 lbs 35 00-36 00 per head.

SHEEP 35. One Lot Choice 68 lbs wooled slaughter lambs at 60.00, Good 60-80 lbs. 50 00-55 00. Few Slaughter ewes at 26 00

Four States Livestock

Hagerstown, Md.
Wednesday, January 28
Report supplied by auction

SLAUGHTER Fed Steers, $1 00 lower Choice 61.00-63 00, Good 56 00-60 00, Medium 55 00 Down. Heifers Choice 57 00-60 00, Good 52 00-56 00, Medium 51 00 Down Cows Active, $1 50 higher High Yield 45 50-46 85; Average 42 00-45.00, Big Middle 38 00-41 00, Fatty Herf 37 00-39 00, Shelly 41 00 Down. Fat Bulls Mostly steady Good 54 00-57 25; Medium 48 00-53 00 Veal Calves Steady to $1 00 higher. Choice 105.00-115 50, Good 94 00-104 00; Medium 80.00-93 00, Farm Hfrs to 120 00, Farm Bulls to 103 00, Light & Weak 58.00 Down

STOCKER. Steers 300-550 lbs Large run, $2.00 higher Choice 72.00-76 00, Good 66.00-71.00, Medium 60 00-65 00, Culls 59.00 Down Steers 600-850 lbs Choice 69 00-73 00; Good 63 00-68 00, Medium 62 00 Down Heifers (All Weights) Choice 59 00-63 00, Good 53 00-58 00, Medium 52 00 Down Bulls Choice 68 00-72 00, Good 62 00-67 00, Medium 61 00 Down Dairy Cows to $775.00 Springing Heifers to $800 00. Pigs, Hd Steady, $1 00 lower 20-30 lbs 6 00-17 00, 40-60 lbs 18 00-31.00 Shoats by Lb to 39 00 Slaughter Hogs, $1 00 lower 200-230 lbs. 40 50-41.60, 240-260 lbs 41 00-41 50, 265-300 lbs 36 00-40 00 Sows 300-600 lbs 35 00-40 50, Thin Sows 26 00-34 00

G&M Livestock

Duncansville, Pa.
Monday, February 2
Report supplied by auction

Compared to last week, light run due to inclement weather steers-weak, cows-lower, hogs-higher

STEERS High Choice and Prime 62 00-64.00; Good to Choice 56 00-62.00, Standard to Good 52 00-56 00.

HEIFERS· Good to Choice 56 00-60 00; Standard 50.00-56.00

BULLS 1200-1650 lbs 56 00-59.00, 900-1200 lbs. 52.00-56.00

COWS. High Choice Prime 47 00-49 50, Good 45.00-47 00, Utility 40 00-43 00; Cutters 38.00-40 00, Canners Down to 34.00

CALVES Good to Choice 96.00-109.00; Good 80.00-96 00; Standard 50 00-80 00

FARM CALVES: Hol. Bulls 90 00 to 106 00, Hol. Heifers 140.00-177 50.

FEEDER PIGS: 15-30 lbs 10 00-18.00; 30-60 lbs. 18 00-29 00

HOGS 200-240 lbs. 42.00-44 20, 170-300 lbs. 30.00-41.00.

SOWS: 32.00-40.25.

BOARS. 29.00-32.00.

LAMBS: 48.00-56.00.

SHEEP. By Head 45.00-95 00

FOR SALE FEEDER PIGS
State Graded - Vet Inspected
Excellent Quality and Delivery Service
JOHN H. THOMAS, JR.
Millersville, Pa. 17551 Ph 717-872-5646
Complete Line of Feeds
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FRIDAY, JANUARY 23
ON THE FARM MONTHLY
BRED GILT SALE
Sale to start promptly at 1.00
Every 4 weeks
Located 18 miles south of Lancaster, PA, 6 miles south of Quarryville, take Rt 272 to Little Britian, turn north, follow Little Britian Rd. to Jackson Rd. 2nd farm, OR Take Rt 222 out of Quarryville to Cedar Hill Rd to Little Britain Rd. to Jackson Rd. Watch for sale arrows
50 to 60 Head
more or less
2 & 3 Way Crossbred Gilts
York & Hampshire & Duroc
Due to farrow 3 days to 4 weeks after sale date. Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice
Local trucker available
No hogs sold on commission
CHRIST A. BEILER
RD 2, Quarryville, PA
JOHN B. STOLTZFUS
Abe Diffenbach
Auctioneer
NEXT SALE DATE — FRIDAY, FEB 20

By helping the 4-H and FFA, we're helping all of us.

In the Agri-Finance Department of Hamilton Bank we finance projects for active 4-H and FFA members

That's because we believe that helping preserve the family farm is one of the best ways to insure a better future for us all And that involves working with our young people

It's important to give them guidance, instill the proper values, and help them acquire the skills they need to be successful farmers

The 4-H and FFA are working toward these goals And so, we support their efforts If you, or someone in your family needs money for a project, stop by and see us

It just might help us all

MORE FOR YOUR MONEY MORE FOR YOU
HAMILTON BANK

Jere Brubaker with this steer purchased by Hamilton Bank at the Southeast District 4 H Baby Beef Show in November 1980 and donated to the Red Rose 4 H Baby Beef and Sheep Club Banquet conducted on February 5 at the Farm and Home Center With Jere are Robert W Johnson President of Johnson Cattle Company and John E Moose Assistant Director of the Agri Finance Department Jere is the son of Mr and Mrs Glen S Brubaker 2529 Marietta Avenue Lancaster

Livestock market and auction news

Middleburg Auction

Middleburg, Pa.
Tuesday, February 3
Report supplied by auction

CATTLE 177. Choice slaughter steers 61 00-64.10, Good 58 00-63 75, Standard 55.00-58 00, Utility 50.00-55.00. Choice slaughter heifers 56.00-58.00, Good 52.00-56.00, Standard 48.00-52.00, Utility 45.00-48 00, Utility & Commercial slaughter cows 45 00-48.00, few to 50 00, Cutters 44.00-47.00, Canner & Low Cutter 40.00-44.00, Shells down to 35.00. Yield Grade #1 slaughter bulls 53 00-56 75; yield grade #2 51.00-53.00.

CALVES 137. Prime vealers 100.00-118.00, Choice 100.00-110.00, Good 80.00-100.00, Standard & Good 90-110 lbs. 60 00-75.00, 70-90 lbs. 58.00-61.00. Farm calves, holstein bulls 90-115 lbs 75.00-105 00; holstein heifers 100-175 lbs 100.00-148.00.

HOGS 536. (MONDAY, FEBRUARY 2, 1981). US No 1-2 210-235 lbs barrows & gilts 44.00-45 10, No 1-3 190-250 lbs. 43.50-44.00, No. 2-3 190-270 lbs. 42.00-43.50. US No 1-3 345-625 lbs. sows 36.00-37.50, No. 2-3 375-660 lbs. 32.00-35.25. Boars 260-660 lbs. 30 75-32 00.

FEEDER PIGS 186 US No. 1-3 10-20 lbs. feeder pigs 5.00-20.00 per head, No 1-3 20-40 lbs. 20.00-34 00 per head

SHEEP 6. Not enough of any one grade to establish a market

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, February 3
Report supplied by PDA

CATTLE 163. Compared with last week's market, slaughter cows strong to $1 higher. Few Choice 2-4, 1200-1350 lbs. slaughter steers 60.50-63, Good 58.00-61, couple 63, Standard 51.75-57.75. Few Choice slaughter heifers 57.75-65.50, Utility and Commercial slaughter cows 44.00-48.50, few 49.50, one 53.00, Cutters 43.00-45.75, Canner and Low Cutters 38.75-43.75. Few Yield Grade #1, 1300-1650 lbs. slaughter bulls 55.75-59 75.

CALVES 170. Individual Prime vealer at 117.00, few Choice 93.00-108, few Good 80.00-90, Standard and Good 70-95 lbs. 60.00-68, Utility 50-85 lbs. 45.00-59.00. Farm Calves· Hol. Bulls 90-120 lbs. 67.00-98; Hol. Heifers 90-130 lbs. 120.00-161.00.

HOGS 175. Barrows and gilts $1.75-$2 25 higher US No 1-2 2-245 lbs barrows and gilts 43.60-44 60, lot 46.35, lot No. 2-3 300 lbs. at 38.75, lot No. 1-3 189 lbs. at 42.60. Few US No 2-3 3-550 lbs. sows 30.25-32 50. Few Boars 31.00

FEEDER PIGS 8. One Lot US No 1-3 40 lbs feeder pigs at 50.00 per hundredweight.

SHEEP 70. Few Choice 90-105 lbs wooled slaughter lambs 56.00-59.00. LARGE FLOCK OF BRED EWES 48.00-62.00.

Martinsburg Auction

Martinsburg, Pa.
Monday, February 2
Report supplied by auction

CATTLE 118. Choice slaughter steers 61.00-62.50, Good 59.00-61.00, Standard 53.00-58.00, Utility 50.00-53.00. Good slaughter heifers 58.50-60.00, Standard 56.00-58.00, Utility 45.00-51.50 Utility & Commercial slaughter cows 45 00-51 50, Cutters 43.00-45.00, Canner & Low Cutter 40 00-43 00, Shells down to 35.00 Good slaughter bullocks 55.00-58 50, Standard 52.00-55.00, Utility 48.00-52.00. Yield Grade #1 slaughter bulls 56.00-58.50; yield grade #2 52 00-56.00.

CALVES 289. Choice vealers 106.00-112 00, Good 90.00-106.00, Standard & Good 90-110 lbs. 60.00-74 00, 70-90 lbs 58.00-62 00, Utility 55-100 lbs. 52.00-58 00. Farm calves, holstein bulls 90-120 lbs. 90.00-112.00; holstein heifers 85-130 lbs 100.00-162.00

HOGS 333. US No. 1-2 200-240 lbs barrows & gilts 43.50-44.50, No. 1-3 200-250 lbs. 42.00-43 00, No. 2-3 260-270 lbs 41.00-42.00, No. 1-3 130-185 lbs 32.00-40.00. US No 1-3 300-500 lbs sows 37.00-40.00, No. 2-3 300-650 lbs 32.00-37 00. Boars 28.00-32.50.

FEEDER PIGS 50. US No. 1-3 20-35 lbs. feeder pigs 7.00-14.00 per head, No. 1-3 35-50 lbs. 14 00-23.00 per head.

SHEEP 0. No sales on offer.

New Holland Horse

Monday, February 2
New Holland Sales Stables
Report supplied by auction

Reported receipts of 245 head of horses, mules, and ponies. Market lower.

Better horses 575.00-775.00; Driving horses 350.00-650.00; Riding horses 350.00-550.00; Lightweight killers 350.00-485.00; Heavyweight killers 525.00-700.00; Mares 40.00-100.00; Colts 15.00-25.00; Geldings 40.00-100.00; Larger ponies 150.00-280.00

New Holland Dairy

New Holland, Pa.
Wednesday, February 4
Report supplied by auction

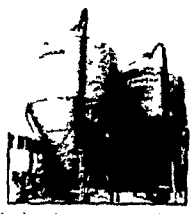
Reported receipts of 121 cows, 53 heifers and 7 bulls. Market stronger.

Load of Pa. fresh cows, 1200.00-1310.00; Load of N.Y. fresh cows, 1450.00-1670.00, springers 1375.00-1650.00; Load of Pa. fresh cows, 900.00-1210.00; 26 head of all stages cows, 580.00-1090.00; Load of Wisconsin fresh cows, 1650 00-1750 00; Load of 41 head all stages cows, 550.00-1320 00.

Locally consigned cows 550.00-1600.00; Springing heifers grade 825.00-1250.00, purebred 930.00-130.00; Open Heifers 230.00-650.00; Bulls 270 00-750.00.

The Agway DNI feeding program gives these hens the nutrients they need. And without wasting dollars.

The Agway Daily Nutrient Intake (DNI) feeding program gives your birds the nutrients they need for maximum production at the lowest possible cost. The simple and efficient DNI system prevents overfeeding of expensive protein while meeting your hens' daily requirements for amino acids and other nutrients.



Today there's no need to put more nutrients in your birds than your hens need

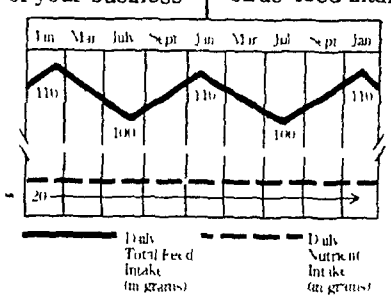
MAINTAINS A CONSTANT NUTRIENT LEVEL AS DAILY INTAKE CHANGES

The idea behind the DNI program is simple: as feed intake varies, change feeds to avoid paying for more nutrition than your birds require.

Suppose, for example, your flock is eating 100 grams of feed per bird daily (22 lbs./100 birds). Under the DNI program, your feed would be Agway High Layer 1000.

During cold weather, when the birds moved up to 110 grams of feed daily, you'd switch to High Layer 1100+ to maintain daily nutrient intake at the required level. Paying for more protein than necessary can significantly affect the profitability of your business.

By monitoring your flock's intake, you'll know when to change feeds (such as Agway High Layer 900 when birds are eating just 90 grams of feed/day, or High Layer 1100+ when birds are consuming 110 grams of feed/day).



Even though your birds' feed intake varies seasonally, on the Agway DNI program nutrient intake remains constant provided you change feeds based on intake.

YOUR AGWAY POULTRY SPECIALIST CAN HELP SET UP A DNI PROGRAM FOR YOUR OPERATION.

Agway Poultry Enterprise specialists are available to help you set up a DNI program for your operation. You'll find that DNI is simple. All you do is watch your birds' feed intake and adjust feeds accordingly.

So contact your local Agway today for more details on the DNI program—the system that makes sure your birds get the nutrients they need without wasting dollars.

Working for people who work the land

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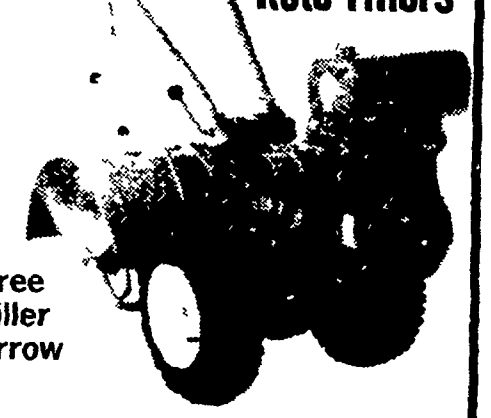

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BY CURT HARLER, EDITOR

Lancaster Farming says...

Cut out the fat

There's an old rural saying, "A fat wife and a full barn never did a man any harm" The adage doesn't address possible harm to the obese wife

Indeed, if there is one object in today's society which conjures up revulsion, it's fat Millions of dollars are spent trimming fat from Americans' bodies Politicians promise to cut the fat out of budgets

Beef, hog and sheep operators wisely are producing leaner animals And dairymen should be thinking about eliminating fat as the basis for dairy pricing

The National Milk Producers Federation has called for a review of the current milk pricing formula

In its meeting last week the 53 member groups of the Pennsylvania Council of Farm Organizations supported the Federation's position

Both groups say the Minnesota-Wisconsin formula, used to establish market price for Grade A milk, has grown obsolete There is no doubt the time has come for such a change

But to be effective, pricing changes must cut deeper Fat should be phased out as the basis for milk pricing

As the system stands today, the dairy producer's milk check revolves around fat, the DHIA program puts big fat producers at the top of its list, and a high fat test is seen as a mark of good management

But the realities of dairy marketing run in the opposite direction

Pennsylvania Farmers' Association took a step in the right direction this year when it amended its dairy pricing policy to recommend "PFA promote a pricing and advertising policy for milk based on protein and fat"

It would be better if the policy went one step further and read "protein not fat," but the first moves have been taken by that group to recognize the wave of the future

Sales of lowfat milk are increasing annually The premium placed on high fat ice cream has lost status to the ice milk and sherbet market The consumer, right or wrong, goes to the store to buy food value for the family and doesn't want to be caught dead puting something fatty in the cart

On the other hand, protein pricing would fit in well with current advertising and marketing programs supported by dairy farmers

After all, the real selling point for milk is its natural wholesomeness Without the healthful difference between milk and its competitors, there is little or no reason why a consumer whould reach for milk rather than Coke or coffee

Dairy producers, we suspect, have some fear of the unknown But there probably would be no great shift in production methods or breeds if protein rather than fat were the price basis

Jerseys lead the DHIA fat list with 4 94% and are tops in protein at 4 2%

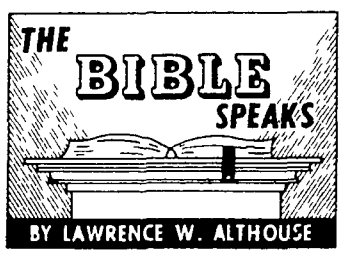
Holsteins, the lowest average DHIA fat producers at 3 7% also have the lowest protein, 3 45%

In between, in decreasing order, are Guernseys, Brown Swiss, and Ayrshires

Protein production is a genetically inherited trait, so breeding for protein improvement is possible

A push for protein production and protein pricing would be a winner in all areas, enhancing milk's image consumer sales, and eventually farm prices

Dairy producers should move to cut out the fat and get with protein pricing



THE SPIRIT HAS A BODY

February 8, 1981

Background Scripture:
Matthew 13.53 through 15 39.
Devotional Reading:
Jonah 3.1-10

"Would you like me to pray for healing?" I asked the man in the hospital bed He stared at me as if I had proposed something outrageous Then he said 'Sir, you may pray for my soul, but not my body It is only my soul that Christ will save"

I wasn't all that surprised by his response to my question, for many Christians seem to share that same point of view: that Christianity and the Good News of Jesus Christ are for the soul or spirit and the body is at best of no concern or at worst even a hindrance

Living In our Heads

As a result, Christianity in many churches has been reduced to a rather cerebral level we listen to sermons and lessons, read prayers, and our bodies are seldom, if ever, involved But this is not representative of the view of the early church, let alone Jesus and his disciples The Hebrews — and Jesus was a Hebrew — thought of a person as a whole being a body-mind-spirit The whole person was involved in the covenant of Israel, not just the mind or the spirit

And Jesus himself displayed as much concern for the physical needs of people as he did their spiritual needs In the Gospels we find him not only preaching and teaching, but healing and even feeding the hungry In fact, you'll find the gospels devote as much or more time to his healing ministry as they do to his preaching and teaching The reason Jesus ministered to the whole person

Centuries later the Church came under the influence of Greek philosophy that held that the body was essentially evil and spirit good, and therefore people began to seek to free the spirit from the evil clutches of the body Under the influence of Pope Gregory, Christians began to abuse their bodies in the belief that the more pain and discomfort the experienced, the closer they would be to God. As Clyde Reid has written "So today, in the late twentieth century, we still think of our bodies as somehow unacceptable We try to live in our heads as totally mental beings while both ignoring and abusing our bodies" (p 48, THE RETURN TO FAITH, Harper & Row)

The Sick And The Hungry

We might imagine that there were some who would have tried to dissuade Jesus from doing his healing, reasoning that he must devote himself to proclaiming the Gospel and leaving their physical needs to someone else But Jesus knew that the Gospel was good news not only for the spirits and minds of God's children, but also their bodies he ministered to whole persons, in his deep compassion helping them wherever he found them wanting, for he knew that body, mind, and spirit are interdependent you cannot touch one without affecting the others

To manifest our concern for the physical needs of people does not diminish in any way the spiritual thrust of the Gospel. If we minister to the spirit, let us remember the spirit has a mind and a body

(Note for a fuller discussion of this issue, see Rev Althouse's book, REDISCOVERING THE GIFT OF HEALING, Abingdon Press)

NOW IS THE TIME

By Max Smith,
Lancaster County
Agricultural Agent
Phone 717-394-6801

TO CONSERVE TOPSOIL

No doubt you've heard this suggestion dozens of time in recent years. Our Extension Agents and Soil Conservationists have been preaching "save the soil" for the past 50 years or more. However, there is still a need for more attention to this problem on many farms. We continue to hear reports of the vast losses in tons of topsoil each year from our farms Due to the trend toward continuous corn in the past generation, the problem of soil losses becomes harder to prevent I'm thinking of those practices such as terraces and sod waterways in fields that are growing row crops year after year I notice from the local ASC report that a large part of the funds available are being used on these two practices This is very much in order and I'd like to encourage more farmers to adopt these practices In most cases some cost-sharing will be available, if desired.

TO PLAN YOUR ESTATE

During my lifetime the management of farm labor, livestock, crops, and machinery have been very important in order to obtain maximum production. Many farmers have excelled in these areas. Now looking into the eighties, I feel that money management is of growing importance to the farmer and warrants more attention and knowledge The planning of your estate including the making of a will; also, the proper farm transfer stipulations are very important. Today, the average farmer is handling much more money than his ancestors; the value of his estate is much greater We urge more attention to estate planning and money management, as a part of good farm management.

TO RECOGNIZE SEWAGE SLUDGE LIMITS

Due to the increase of our population in most counties, sewage disposal plants are going to be faced with a problem of getting rid of sewage sludge One good place for this material is back on the land as a source of fertilizer However, there are limits as to the amount that should be applied per acre in your lifetime Chemical tests of the sewage at Penn State are available for each sewage plant This will include the fertilizer content of the sludge and the amount of heavy metals. It's this latter item that brings the limitations When we apply too

(Turn to Page A34)

HAY HAWS

"I'm starting to wonder if taking care of 200,000 chickens is having an effect on Dilbert."

If you're out to beat anthracnose

That's what SARANAC AR is all about!

in anthracnose country, it's the best alfalfa you can plant.

Even in sticky, hot, humid weather when anthracnose is sweeping neighboring fields, Saranac AR goes right on producing as though anthracnose had never been heard of

Saranac AR even stands up to Race II anthracnose, the super-virulent disease strain that can wipe out other alfalfas that have resistance to ordinary anthracnose In fact, Saranac AR is the accepted standard for resistance to Race II anthracnose It's bred for your kind of land and your kind of weather Bred to meet your highest goals

even when ordinary alfalfas are curling over and turning yellow

Saranac AR meets hard winters and bacterial wilt head on.. and comes out on top It's bred for anthracnose resistance, fast recovery and long-lived stands Pre-inoculated, of course It s the only one to plant where anthracnose or anthracnose Race II is a threat. After all, that's what Saranac AR is all about!

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alfalfa

PROTEIN UNLIMITED

Livestock market and auction news

Central U.S. Carlot

Wednesday, February 4
Report supplied by USDA

Compared to Tuesday's 4.30 report: Choice Steer and heifer beef mostly steady late, Good 1 00 higher in thin test. Demand moderate and trading good at steady levels, but most orders now filled and processors very cautious in face of sluggish boxed beef trade. The boxed beef carcass cutout value declined $ 38 to $101 59 per cwt. Sales reported on 122 loads of steer and heifer beef.

STEER BEEF
89 Loads
FOB Omaha Basis

Choice 3: 500-700 lbs. 92 00-94.00
Choice 3: 700-800 lbs 90.00-92 00, late mostly 90 00, mostly steady
Choice 3: 800-900 lbs 88.00-89 00, late mostly 88 00, mostly steady.
Choice 4 600-800 lbs. 80.00, steady.
Good 2-3: 600 900 lbs. 90 00-91.00, mostly 1 00 higher
FOB Amarillo Basis
Choice 2-3: 600-700 lbs. YG 3 94 50-97 00; YG 2 97.00-98 50
Choice 4 600-900 lbs 82 00 (West).

HEIFER BEEF
33 Loads
FOB Omaha Basis

Choice 3 500-700 lbs 90 00-91 00, generally steady
Choice 4 500-700 lbs 80 00, steady
Good 2-3 500-700 lbs. 89 00-90 00, mostly 89 00, 1 00 higher
Cow beef 1.00-2 00 higher than late last week.

COW BEEF
7 Loads
FOB Omaha Basis

Utility 450/up lbs. 77.00 (West), 1.00-2 00 higher than last week (BKRG) 3-4.
Utility: 400/up lbs 81 00 (West), 1 00-2.00 higher than last week (BNG) 2-3.
Utility: 400/up lbs. 81.00 (Midwest) (BNG) 2-3.
Cnnr & Cttr. 300/up lbs. 86.00 (West) 1-2.
FOB AMarillo Basis
Utility 450/up lbs 78 00 (West), (BRKG) 3-4

PRIMAL BEEF
CUTS
2½ Loads
FOB Omaha Basis

DIAMOND ROUND (H). 60-85 lbs. 116 00
FULL PLATES: 50.00

BONELESS PROCESSING
BEEF/BEEF
TRIMMINGS
19 Loads
FOB Omaha Basis

90% chem lean, frozen 118.75.
50% chem lean, fresh 47 00-49 00, mostly 48 00.
Compared to Tuesday's 2 15 report· Fresh pork loins 14-17 lbs 50 hghr, 20&up lbs steady Boston butts 8&up lbs Sparerибs 2.00-3 00 higher. Fresh hams unestablished. Sdsl bellies 12-16 lbs. 1.75-3 50 lwr, 16-18 lbs. 4.00-5 00 lower. Trading and demand moderate Sales reported on 57 loads and 11½ loads of trimmings

FRESH PORK CUTS

LOINS: 14/dn lbs 94.50-94 75, 14-17 lbs 93 00-93 75, .50 higher, 20&up lbs. 80.00, steady.
BOSTON BUTTS. 8&up lbs 63.00, steady
SPARERIBS 3/dn lbs 94 00, 2 00 higher; 3-5 lbs 81.00-82 00, 2 00-3 00 higher
SKINNED HAMS. 14-17 lbs. 67 00.
BELLIES, SDLS. 12-14 lbs 48 50-49 00, 3.00-3.50 lower; 14-16 lbs 48 25-49.00, 1.75-3 00 lower; 16-18 lbs. 47.00-48.00, 4.00-5 00 lower

VARIETY MEATS

NECKBONES. 15 25.
TAILS. 16 50.
FEET, FRONT, TOES ON. 18 00.

PORK TRIMMINGS
BONELESS PROCESSING
PORK
(Chemical Lean)

72% lean trimmings frzn 70 50
72% bnls picnics fresh 73 50-75.00, late 75.00.
72% bnls picnics frozen 76 50

Omaha Cattle

Thursday, February 5
Report supplied by USDA

Slaughter steers and heifers at midweek 1 50-2 50 lower, instances 3 00 off on 3-4 steers over 1200 lbs Breaking Utility and Commercial cows 1 00 lower, canner, cutter and boning utility 1 00-2 00 higher Bulls steady

Four Day Receipts this week 12,000, Last Week 16,000, Year Ago 13,700.

Despite curtailed marketings, influenced in part by weekend snow storm, downward pressure continued on steers and heifers with yield grade and weight major price factors.

Slaughter steers made up 46 pct of the estimated five day total, heifers 28 pct, cows 19 pct and feeders 5 pct.

STEERS At midweek, load Good and most Choice 2-3 and load Choice 3 1125 lbs 60 25-60 75 Choice 2-4, mostly 3 1050-1225 lbs 58.50-60 00; 3-4 1200-1300 lbs 55 00-57 00, small end of 4 57 00-58 50 Choice and Prime large percentage 4 and some 5 1200-1400 lbs 50.00-55.00, largely 51.00-54 00 Mixed Good and Choice 2-3 1050-1250 lbs. 58 00-59 00, some 59 50 Few Good 56.00-58.00 Good and Choice 2-3 1250-1350 lbs. Holsteins 54.00-56.00

HEIFERS Few lots Choice 3 975-1025 lbs 59 00. Choice 2-4 900-1100 lbs 56 50-58.50, 3-4 1075-1200 lbs. 53.50-56 50 Mixed Good and Choice 2-3 875-1050 lbs. 55.00-56.50 Few Good 54 00-55 50.

Average of LS 214 detailed quotations for Choice 900-1100 lbs steers 59 78, 1100-1300 lbs 58.82 Average cost steers this week 58.24, average weight 1220 lbs. as compared 60 47 and 1171 lbs a week ago Average cost heifers 58 22, average weight 1053 lbs as compared 59 71 and 1031 lbs a week ago

COWS Utility and Commercial 2-4 40 00-42 00 Cutter and Boning Utility 1-2 40 00-43 00 Few Canner and Low-Cutter 37 00 to mostly 40 00

BULLS 1-2 1300-1800 lbs 50 00-53 00, few individual 1 during week 54 00-55.00

Western Maryland Livestock

Westminster, Md.
Tuesday, February 3
Report supplied by auction

BUTCHER COWS Steady to 50 cents lower! High Yield few to 47 85, Standard & Utility 42 00-45 50, Canners 40 00-42 50, Shelly 40 00 Down. Bulls One 1840 lbs (Good) at 56 85, Steers Few Choice 2-4 65.00-66 50, Good 58 00-62 00, Heifers Choice 3-4 750-1000 lbs 50 00-54.00

BUTCHER HOGS $1 00 higher! U S #1&2 215-240 lbs 43 35-43 50; 240-260 lbs One lot to 43 35, 195-210 lbs One lot to 42 75, 350-400 lbs to 40 00 Sows US#1&3 250-600 lbs 31 00-40 00 Boars 400-700 lbs 31 00-31 50.

VEAL CALVES. Steady to $2 higher Good & Choice 92.00-102 50, Standard 75.00-90 00, Killers 80-100 lbs 59 00-68 00; Weak & Rough 59.00 Down

CALVES RETURNED TO FARM. Mostly bulls offered Holstein Heifers few 95-110 lbs to 103 00, Holstein Bulls bulk 95-115 lbs. 90 00-103.00, few 70.00-90.00; Beef Type few 80-100 lbs. 65.00-71.00.

LAMBS: Few Offered, Good 75 lbs to 64.00; yearlings 40 00-50 00

STOCK CATTLE: Light run Steers 700-850 lbs. 50.00-55.00, Heifers 600-700 lbs. to 53.00, Bulls 400-500 lbs to 67.00

PIGS AND SHOATS. Smaller Run, Bidding Active. By the Head 15-30 lbs. 13.00-21 00, 30-60 lbs 16 00-27.00, By the Lb 75-125 lbs 29 00-39 00; Stk Boars 85-185 lbs 24 00-33.00.

Indiana Auction

Thursday, February 5
Report supplied by PDA

CATTLE: 63. Compared with last Thursday's market: Sl cows 50-1.00 higher. Sl. steers one Standard at 54.25 Sl. heifers· one Standard at 53.50. Sl. cows Utility & Commercial 43.00-46.75, Cutters 40 00-44.00; Canner & L Cutter 36 00-40.00; Shells down to 30 00 Sl bulls: few Yield Grade No. 1 & 2 1200-1900 lbs 50 00-58 00.

FEEDER CATTLE. Steers, Medium & Large Frame No. 1, 290-430 lbs. 66.00-73.00. Heifers, few Medium & Large Frame No. 1, 290-680 lbs 61.00-72 00.

CALVES 67. Two Prime at 109 00 & 113 00; few Choice 96 00-101 00, few Good 84.00-92 00; Standard & Good 70-90 lbs. 62.00-66.00. Few Utility 55-130 lbs. 45.00-58.00

FARM CALVES: Few Hol Bulls 85-120 lbs. 76.00-101.00; Hol. Heifers 85-120 lbs 104.00-110 00, Few Beef Cross Bulls & Heifers 85-95 lbs 76.00-94 00.

HOGS· 53. Barrows and gilts 1 00 higher US No. 1-3 200-240 lbs 43 00-44 25; No. 1-3 160-170 lbs. 32 00-37 00; Sows few US No 1-3 300-350 lbs. 38 00-42.00. Few Boars 26 00-34.00.

FEEDER PIGS 28. US No 1-3 40-55 lbs 10.00-16.00 per head, No 1-3 70-85 lbs 25.00-30.00

SHEEP: 2. Two Sl. ewes 15.00 & 30 00

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Livestock market and auction news

Leesport Auction

Leesport, Pa.
Wednesday, February 4
Report supplied by PDA

CATTLE 220. Compared with last Wednesday's market, slaughter steers 1 00-3.00 lower, most decline on Choice. Slaughter cows .25-1.00 lower Choice 985-1300 lbs. slaughter steers 62.00-64.25, one at 65.75, few 1300-1430 lbs 60 00-62.00, Good 58.00-62 00, Standard 55 00-59.25, few Utility 53 25-54.25 Few choice 860-1065 lbs slaughter heifers 60 00-61 25, few Good 53.25-54.25 Few Choice 860-1065 lbs. slaughter heifers 60 00-61.25, few Good 53 25-55.10, one Standard at 52 00 Utility and Commercial slaughter cows 43 50-46 75, few 47.35, Low Dressing 40 25-43.50, Cutters 42.00-46 00, Canner & Low Cutters 39 25-42 00, Shells down to 35.00 Few Good slaughter bullocks 60.00-66 50, few Standard 58 85-60 00 Few Yield Grade #1, 1260-1620 lbs slaughter bulls 57 85-61 25, few #2 900-1100 lbs 52 25-54 00 Few Medium Frame #1 325-500 lbs feeder steers 64 00-68.50 Few Medium Frame #1, 550-800 lbs feeder heifers 53.00-57 00

CALVES 101 Few Choice vealers 90.00-93.50, few good 84 50-92.50, few Standard and Good 110-130 lbs. 70.00-80.50, few 90-110 lbs. 60.00-67 00, 70-85 lbs. 55 00-62.00, few Utility 60-90 lbs. 30 00-50.00. Farm Calves: Hol Bulls 90-135 lbs. 85.00-100.00, few down to 70 00; few Hol Heifers 95-160 lbs 95 00-110.00

HOGS 303 Barrows and gilts 3 25-3.75 higher. US No. 1-2 205-250 lbs barrows and gilts 44 75-45.75, No 1-3 195-250 lbs 44.00-45 00, few down to 43.00, few No 1-3 155-185 lbs 36.00-40 25 Sows 1.00 higher US No. 1-3 300-650 lbs sows 37 00-40.00, few 41.00, Utility 260-350 lbs. 32.00-35.75. Boars 30.00-34.50

FEEDER PIGS 188: US No 1-3 30-65 lbs. feeder pigs 46 00-59 00 per hundredweight, No. 1-3 80-95 lbs. 30.00-35.50, 2-3 40-60 lbs 32 00-38 00 per hundredweight

SHEEP 23 Choice 60-105 lbs wooled slaughter lambs 55 00-60 00, few 74 00, lot 120 lbs at 50 00 One Slaughter sheep at 38.00. 26 Head Goats Large 28.00-62 00 per head

Carlisle Auction

Carlisle, Pa.
Tuesday, February 3
Report supplied by auction

CATTLE: STEERS: Choice 62.00-68 50, Utility 52 00-53.50 HEIFERS: Good 59.00-61.00 COWS. Utility & Commercial 44.50-47.50; Cutter 42.50-45 00; Canner & Low Cutter 38.00-43.00 BULLOCKS: Good 53.50-62.00.

FEEDER STEERS. 60.00-66.00.

CATTLE HEIFERS 55.00-57.50 BULLS: 52 00-59.50.

CALVES: VEALERS. Choice 92.00-111.00; Good 80.00-95 00; Standard & Good 70.00-85.00.

HOGS. Barrows & Gilts US No 1-2 43.25-46.00, US No. 1-3 40.00-43.75; US No. 2-3 38.00-41.00 SOWS. US No 1-3 39.50-41.00; No 2-3 36.00-39.00. Boars 27 50-31.25

FEEDER PIGS US No 1-3 13.00-17.00; No 1-3 18 00-22 50.

SHEEP LAMBS Good 44 00-47.00.

Joliet Cattle

Thursday, February 5
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 4,500; 5 days last week 4,793, same period a year ago 4,041. Trading for the week was slow on Monday; moderate on Wednesday. Slaughter steers ended the week 2.00-3.00 lower than Wednesday of last week. Slaughter heifers 1.50 to 2.50 lower. Cows ended the week 1.00-2.00 higher.

SLAUGHTER STEERS: Mixed High Choice and Prime 3, few 4, 1150-1300# 60 50-61.50 Monday; 59.00-60.00 Wednesday, YG 3-4 1150-1325# 58.00-60.00 Monday and Wednesday; YG 3 to mostly 4, few 5, 1200-1500# 55.00-58.00 Monday & Wednesday. Choice 2-3 1050-1300# 62.25-62.50, 3 loads 63.00 Monday; 60.25-60.50, 3 loads 61.00 Wednesday. Choice 2-4 1050-1300# 60.50-62.25 Monday; 59.50-60.00 Wednesday. Mixed Good and Choice 2-3 1000-1250# 60.00-61.50 Monday; 59.00-60.00 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime mostly 3 950-1100# 59.25-60.25 Monday; 59.00, 1 load 59.25 Wednesday, 3 to 4 900-1100# 58.00-59.25 Monday; 57.00-57 50 Wednesday; YG 3 to mostly 4, few 5, 1075-1125# 53.50-54.00 Monday Choice 2-3 950-1100# 60.50-60.75, 3 loads 61.00 Monday. Choice 2-4 900-1100# 59.00-60.50 Monday; 57.50-58.50 Wednesday. Mixed Good & Choice 2-3 800-1000# 58.00-60.00 Monday; 57.00-58.00 Wednesday.

COWS: Cutter & Utility 1-3 40.00-44.00 Monday.

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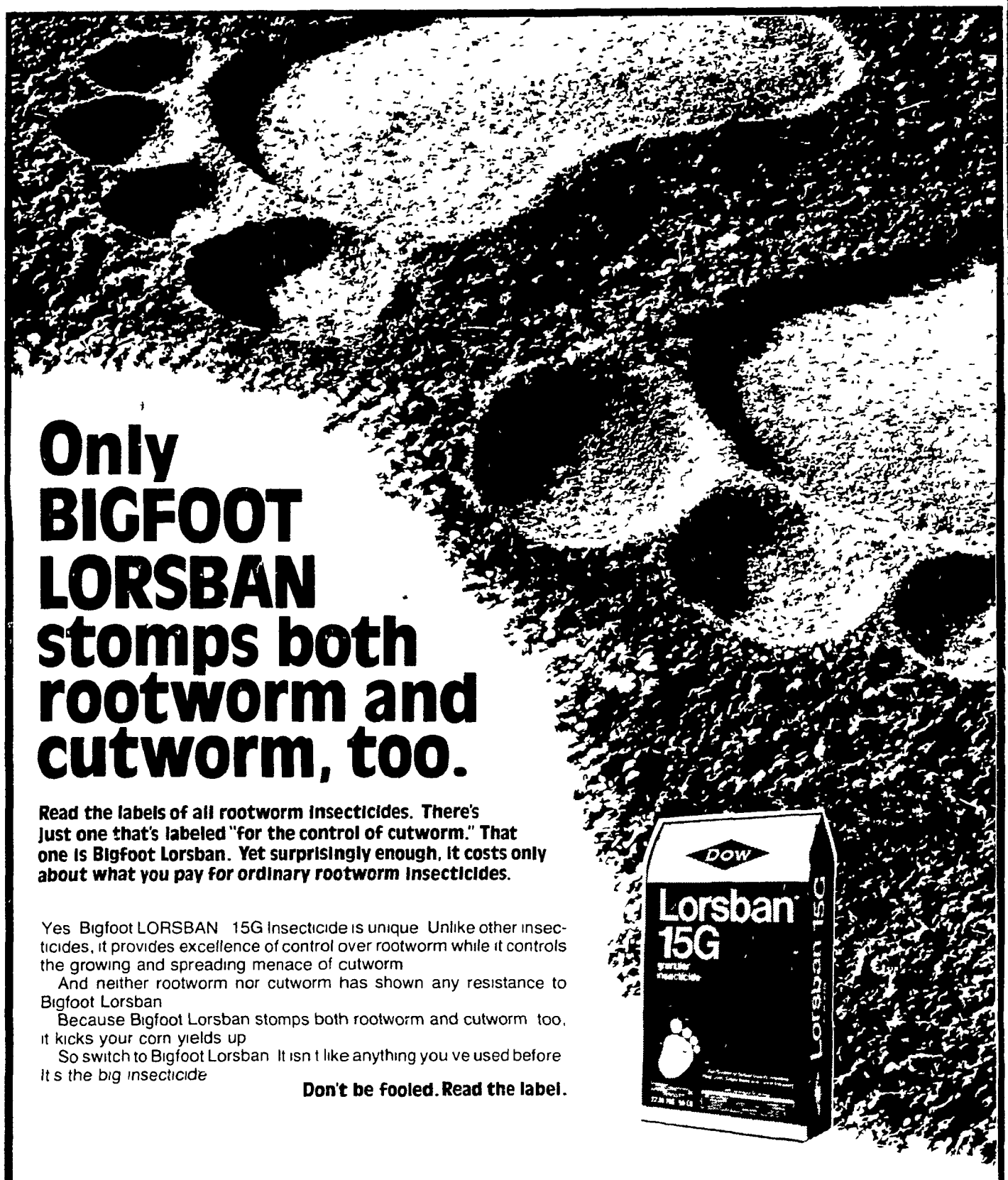

Only BIGFOOT LORSBAN stomps both rootworm and cutworm, too.

Read the labels of all rootworm insecticides. There's just one that's labeled "for the control of cutworm." That one is Bigfoot Lorsban. Yet surprisingly enough, it costs only about what you pay for ordinary rootworm insecticides.

Yes Bigfoot LORSBAN 15G Insecticide is unique Unlike other insecticides, it provides excellence of control over rootworm while it controls the growing and spreading menace of cutworm

And neither rootworm nor cutworm has shown any resistance to Bigfoot Lorsban

Because Bigfoot Lorsban stomps both rootworm and cutworm too, it kicks your corn yields up

So switch to Bigfoot Lorsban It isn t like anything you ve used before It s the big insecticide

Don't be fooled. Read the label.

DOW
Lorsban 15G
Lorsban 15G

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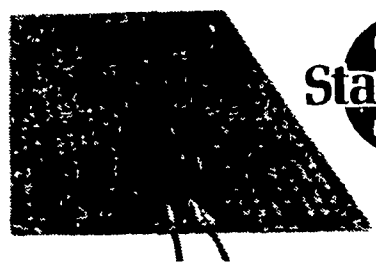
Reading, Pa.

DOW
DOW CHEMICAL U S A
Trademark of The Dow Chemical Company

Quality Stanfield Product
CREEP FEEDER

Includes:
- Large open feed pan to simulate floor feeding.
- Sturdy aluminum bracket for quick feeder in-and-out
- Generous 1¼ gallon hopper capacity.

Not just another creep feeder! A farm tested natural way to start two and three day-old pigs on solid feed. Pigs learn to eat creep feed before weaning. So you wean faster and pigs do better under less stress.



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Livestock market and auction news

Weekly Summary

Friday, February 6
Report supplied by PDA

CATTLE: 4842. Compared with 5639 head last week, and 4341 head a year ago Compared with last week's market: Slaughter steers mostly 1.00-2.00 lower; Sl. heifers weak - 1 00 lower; Sl. cows unevenly steady; Sl. bulls 1.00-2 00 higher Sl. steers; High Choice & Prime No. 3-4, 61 00-64.00; Choice No 2-4, 57 50-64.25, Good 55.00-61.50; Standard 53.00-58 00. Sl heifers: Choice 57.75-62.00; Good 53 00-59 00; Standard 48 00-55 00 Sl. cows; Utility & Commercial 43.50-48.50; Cutters 42.00-46.50; Canner & Low Cutter 38.00-43 00; Shells down to 30.00 Sl bullocks; few Choice 58.25-65.00; few Good 55.50-60.00 Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 55.00-59.75 with few 62.25; Yield Grade No 2, 1000-1600 lbs. 51 00-58.50.

FEEDER CATTLE: Steers, few Large Frame No. 1 300-700 lbs 70 00-78.00; Medium & Large Frame No. 1, 300-550 lbs 55 00-68 00. Heifers, Medium Frame No 1 300-800 lbs. 50.00-60.00

CALVES· 3192 Compared with 3497 head last week and 2931 head a year ago. Vealers mostly steady to 5.00 higher, few Prime 97 00-118.00; Choice 95.00-110 00; Good 80.00-90.00; Standard & Good 90-120 lbs 60.00-75.00; 65-90 lbs. 58.00-68.00; Utility 50-110 lbs. 45.00-59.00.

FARM CALVES: Hol. Bulls 80-120 lbs. 70 00-112 00, mostly 85.00-105.00; Hol Heifers 85-150 lbs. 85.00-162 00, mostly 95 00-140 00

HOGS· 6321 Compared with 6974 head last week and 7746 head a year ago. Barrows and gilts 1.00-2.00 higher. US No. 1-2 200-245 lbs 43.50-45 10, few to 46 00, No 1-3 200-260 lbs. 43.00-44.00; No 2-3 210-275 lbs. 39.00-43.00; few No 1-3 140-190 lbs 32.00-40 00; Sows uneven. US No 1-3 300-585 lbs. 35.00-40.75; No. 2-3 300-650 lbs. 32.00-35.00.
Boars. 25.00-34 00

FEEDER PIGS· 843 Compared with 1275 head last week and 1271 a year ago Feeder pigs steady to 4 00 lower. US No. 1-3 20-35 lbs 5 00-14 00 per head; No 1-3 35-50 lbs 14.00-24 50; few No 1-3 50-85 lbs 24.00-36.00

GRADED FEEDER PIGS 1104 Compared with 2104 head last week, and 1989 head a year ago. All sales by CWT Feeder Pigs 6 00-15 00 higher with spots to 20 00 higher US No. 1-2 30-40 lbs. 61 00-69.00, 40-50 lbs 56 00-67 00, 50-60 lbs 51.00-58 00, 60-85 lbs. 37 00-53.00; US No 2-3 30-60 lbs 47 00-64.00.

SHEEP 551 Compared with 340 head last week and 293 head a year ago Wooled sl. lambs mostly steady to 2.00 lower Choice 60-105 lbs 55 00-62.00; Good 60-85 lbs 45 00-55 00 Sl ewes· 25.00-33 00

Oklahoma Cattle

Thursday, February 5
Report supplied by USDA

Thursday Feeder Cattle Auction Estimated Receipts 2500 Same day last week 2745 Feeder Steers and Heifers steady with Wednesday Demand moderate to good Numbers offered light Bulk supply Medium frame No 1 and Mixed No. 1-2 350-850 lb. Feeder Steers and 325-650 lb Heifers

FEEDER STEERS Medium Frame No 1 lot 266 lb 89 25, 300-400 lb 74 00-80 00, lot 369 lb 83 90, 400-475 lb 73 75-77 00, lot 450 lb 78 90, 475-500 lb 70 00-71 00; 500-600 lb 67 75-71 20 several 68 50-70 80, 600-700 lb 67 50-70 10, 700-800 lb 66 00-69 10; 800-850 lb 63 50-66 80 Small Frame No 1 485 lb 69 25, 570 lb 67 50 Medium Frame No 1-2 500-600 lb 65 50-68.25, 600-775 lb 64 50-67 00 Medium Frame No 2 600 lb 63 50, 800 lb 60 60 Large Frame No 2 gaunt Holsteins 625 lb 56 50, 775 lb 55.55

FEEDERS HEIFERS Medium Frame No. 1 lot 265 lb 76 50; 300-400 lb 66 00-68 00, lot thin 410 lb 66 75, 400-500 lb 60 50-65.00, 500-600 lb 60 00-63 60, 600-700 lb 59 50-63.50 Medium Frame No 1-2 450-600 lb 58 50-61 50, 600-700 lb 57 00-59 00. Medium Frame No. 2 480 lb 56 25; 575 lb. 54.00.

FOR THE WEEK. Feeder Steers and Heifers under 600 lb largely 1 00-3 00 lower, weights over 600 lb. mostly 1 00 to 2 00 lower. Slaughter Cows firm to 1.00 higher; late sales Utility and Commercial 2-3 few 4 44.00-48 00; low dressing 42.25-43.80. Bulls 1 50-2.00 higher; yield grade 1-2 1450-1725 lb 55.00-58.50; 900-1450 lb. 50.50-57 50 Salable receipts totaled near 10,300 head last week. Run 89 percent Feeder Cattle and Calves; Cows and Bulls near 1,100 head comprised 11 percent.

HOG AUCTION 600 (same as early) FOR THE WEEK Compared to late last week, Barrows and Gilts lost part of the sharp advance to close mostly 2 00 higher, sows were mostly 1 00 higher; Feeder Pigs near steady Salable receipts totaled near 2,850 head compared to 3,658 last week Feeder Pigs numbered near 450 head and comprised 16 percent of the salable receipts The week's best price at 45 40 was paid on Tuesday for 31 head U S 1-2 223 lb Barrows and Gilts

Belleville Auction

Belleville, Pa.
Wednesday, February 4
Report supplied by PDA

CATTLE 92 Compared with last Wednesday's market, slaughter cows grading Utility & Commercial about steady. One Good slaughter steer at 58.00 Few Good Slaughter Heifers 53 25-56.75 Utility & Commercial slaughter cows 41.50-45.00, few cutters 42 25-44 85, few Canner & Low Cutter 37 85-40 25. Few Yield grade #1 950-1500 lbs slaughter bulls 48 60-57 25

CALVES 150 Bulk of supply returned to the farm Few Choice vealers 95 00-101 00, Standard & Good 70-95 lbs 58 00-66 00 Farm calves, holstein bulls 90-125 lbs 70.00-108.00; few holstein heifers 90-125 lbs 74 00-150 00

HOGS 247 Barrows & gilts 2 75-4.00 higher. US No 1-2 200-240 lbs. barrows & gilts 44.10-45.10, No 1-3 200-255 lbs. 43.75-44.10, one lot No 2-3 258 lbs. 43 00, No 1-3 (few) 155-185 lbs 30 00-38 50. US No 1-3 300-525 lb s sows 36.00-40.75, one at 42 00. Few Boars 23.00-29.50

FEEDER PIGS 232. US No 1-3 15-20 lbs. feeder pigs 6 50-13 00 per head, No 1-3 20-35 lbs. 12.50-22 50, No. 1-3 35-50 lbs. 20.00-24.50, No 1-3 60-80 lbs. 27.00-31 00 per head

SHEEP 12. Few Slaughter ewes 28.00-41.00.

Few Holstein Dairy Cows 690.00-1330.00

Lancaster Feeder Cattle

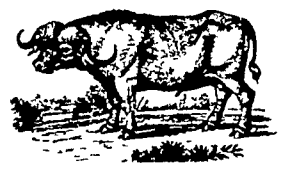
Friday, January 30
Report supplied by USDA

Today	128
Last Friday	268
Last Year	75

TREND: Insufficient volume for a market test.

FEEDER STEERS: One lot Medium #1 1025 lbs. 60.50; few large #2 Holsteins 365-665 lbs 50.50-51.75, one lot 900 lbs. 48.60.

FEEDER BULLS. Few head Medium and Large #1 660-715 lbs 62.75-64.00; one lot Large #2 Holsteins 770 lbs. 47.00.



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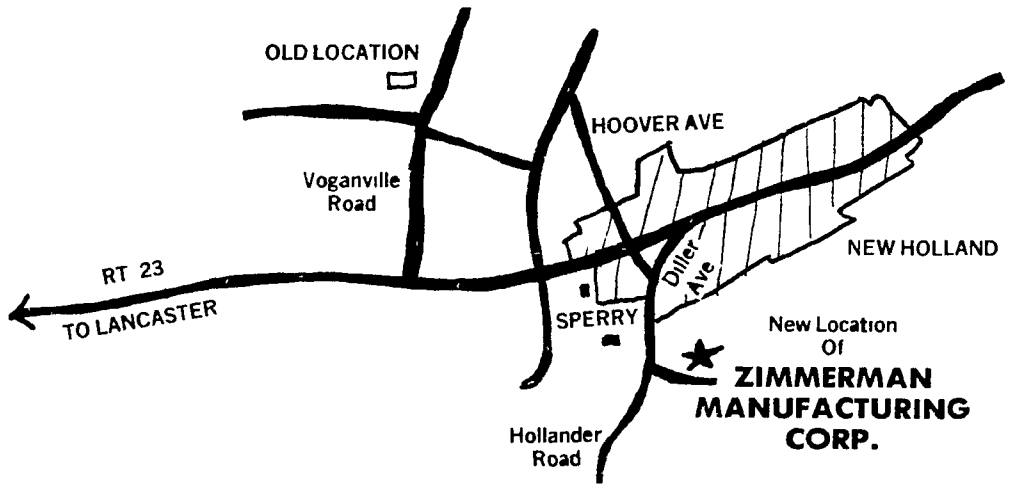

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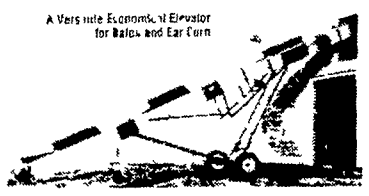

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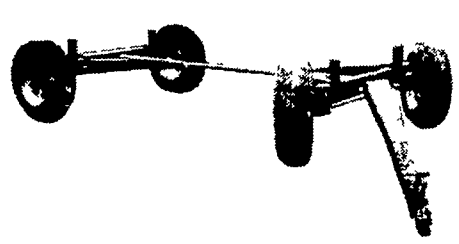

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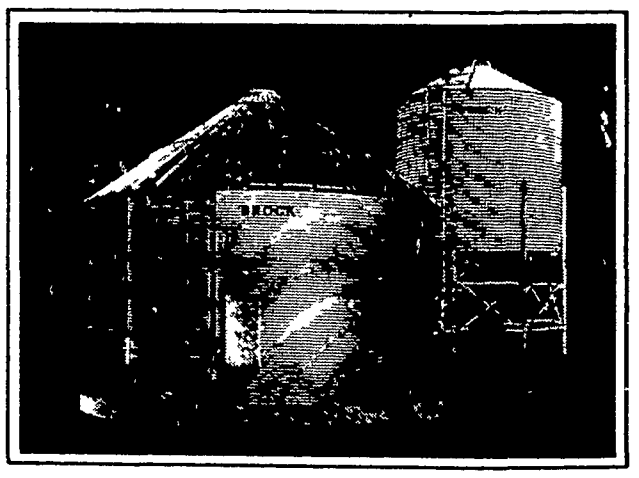

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Predators eat pests in IPM program

HERSHEY — Almost every discussion at the 122nd Annual Meeting of the State Horticultural Association of Pennsylvania, Inc mentioned, if not focused on, integrated pest management — known as IPM in orchard jargon.

What is IPM? According to Cliff Rice, an IPM consultant, it is a method of ridding an orchard of harmful organisms by using the beneficial insects that move in to devour or rid the orchard of nuisances without the use of chemicals

"Integrated pest management to me is when you have beneficial insects, like the Stethorus punctum or the little black beetle, and the harmful mites, such as the European red mite or two-spotted mite, together in your orchard These are two different groups or types of organisms integrated in the same trees

"When you have this situation in an orchard, a miticide normally put on to control the red or two-spotted mites would be ruled out or at least toned down to be sure not all the mites were killed," he explained.

"To make this type of program work, it takes more time and closer checking of orchards Many times there are big decisions to make, such as will the predators be able to handle the mites, should we use some miticide now, or should we wait until next week and see what the situation is then."

Rice advised orchard managers to start checking their plots early in the season — watching the balance between mites, which appear first, and the Stethorus punctum.

"Make estimated counts of predators, both larvae and adults since larvae do consume as many mites as do adults," suggested Rice "Also take an estimate of the mites per leaf Do this at least weekly to determine the progress of both the predators and mites

Rice pointed out as the season progresses the numbers of mites and predators will increase A decision will have to be made on whether to apply a miticide to kill off 60 to 70 percent of the mites or to allow the situation to continue, hoping the predators can hold their own.

The IPM consultant stressed not all mites are destroyed since predators will need food.

"If you kill most all of the mites, there is a good chance the predators will leave your orchard If this happens, you could be in a lot of trouble with the mites before the predators reappear again," he exclaimed

Rice advises using a suppressant-type of material in the early part of the season and continuing with it. By managing the orchard balance this way, he stated the decision-making battle will be held off until the middle to the latter part of the season.

"By trying to make it work this way, and if it does, the population crisis will occur just one time and the predators will keep your orchard clean of mites for the remainder of the year The predators will also feed on mite eggs in the fall. This will keep your trees free of overwintering mite eggs."

Rice recommended the following management tips to help the IPM program work:

— have the trees pruned so materials will be able to get to all parts;

— have a calibrated spraying machine that is suitable for the operation;

— use the alternate-middle spraying method (spray intervals determined by weather conditions and pressure from insects, mites and fungus diseases);

— try to use the combination of two materials at half-rate each, whenever possible, rather than one material at full rate;

— rotate or use different material in a spray program;

— use a miticide, if needed, on a particular block or part of an orchard rather than spraying the whole thing;

— do not drive too fast; and finally,

— always put the right amount of materials in the tank otherwise the IPM program could be destroyed and money will be wasted.

One orchard operation currently using the IPM program is Sierer Fruit Farms, Inc. of Mt. Pleasant Mills, Snyder County.

"We've been involved in IPM since 1974," said Richard Sierer "In the past four years we have not exceeded 3 percent damage to fruit due to insect and disease."

Sierer explained their orchard hires a commercial pest consultant who keeps them "current on developments of new materials, up-to-date on new control measures and new research, and informed of label changes on spray materials" along with monitoring insect and disease activity

Said Sierer, "The purpose of the IPM program is not to get rid of pesticides but to learn to use them more effectively."

Computer program gives 'instant' profit info to tomato growers

HERSHEY — With increasing costs and complexity of producing, harvesting, packing and marketing fresh market tomatoes, there is a need for a program that provides growers with information to evaluate the profitability from planting to selling.

Such a program was developed over the last three years with the cooperation of growers in Lackawanna County. The program provides pertinent information for profit evaluation within two days of packing.

"Too often in the past, with the intense activity of harvesting and marketing compressed into six weeks of 24 hour days everything became a blur of tomatoes out of the field, then in and out of the packing house," said Thomas Jurchak, Lackawanna Co. Extension Agent. "There was little time for meaningful examination of separate parts of the process during the harvesting and marketing season when it was needed most

'It was only after the crop was gone that growers had time for evaluation. But by then, they lacked some of the information needed for accurate decision making Conclusions were drawn from incomplete or misleading recollections.

"In addition, other farmers considering entry into fresh market tomato production and marketing enterprises needed budgets to guide them in management decisions, including capital and labor requirements.

In the new program, as soon as a field is picked the first time, the grower completes a "Producer Reporting Form." This form includes information on the amount of tomatoes harvested and the resulting pack out in terms of grades, sizes and prices.

This information is telephoned to Penn State's Farm Management Extension section where a computer program accepts the data and prints out the "Tomato Marketing Analysis Report".

This report is mailed to the grower and includes production, harvesting, packing and marketing costs in total and on a "per acre" rate.

Costs have been developed from grower surveys and averaged for use in the program. Gross income is determined from the actual yields, pack out and prices reported by the producer on the "Reporting Sheet" and reported in numbers, value and per cent of boxes packed by grades and sizes.

This gives the grower immediate information on yields from the field; pack out of 30 pound boxes; cull rate; distribution of grades

(Turn to Page A27)

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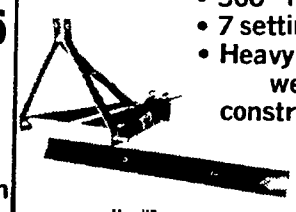

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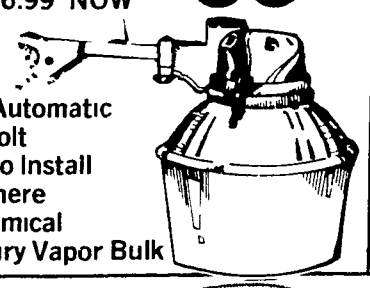

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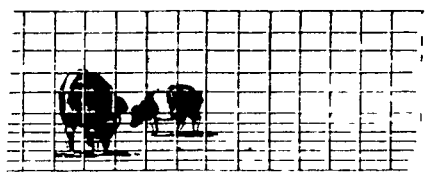

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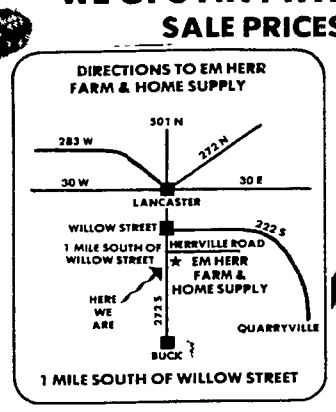

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Lancaster 4-H

(Continued from Page A1)

pion light-heavyweight at the Farm Show

Tim Hess, Lancaster, received a trophy for county reserve champion and an award for being part of the reserve champion beef trio along with Fritz Frey, Quarryville, and Bonnie Frey, Quarryville

Also receiving an electric clock was Ernie Frey, Quarryville, for reserve grand champion at the Farm Show

Receiving pen sets and trophies were Tony Eberly, Denver, Kent Henry, Strasburg, and Ernie Frey, Quarryville for being grand champion beef trio at the Farm Show

Not to be outdone by beef, the 4-H Woolies honored their winners too Gerald Rohrer, Quarryville, received an electric clock for state champion southdown ewe

For county champion junior sheep showman, Monica Esh, Kinzers received a muffin tray.

Sarah Brubaker, Lancaster received a pen set for county champion market lamb and champion hampshire ewe

The final award, a muffin tray, went to Margaret Herr, Narvon, for champion intermediate showman

The evening was not all tears, tributes and awards, however Members proved that 4-H can be a lot of fun by presenting skits, songs and dances

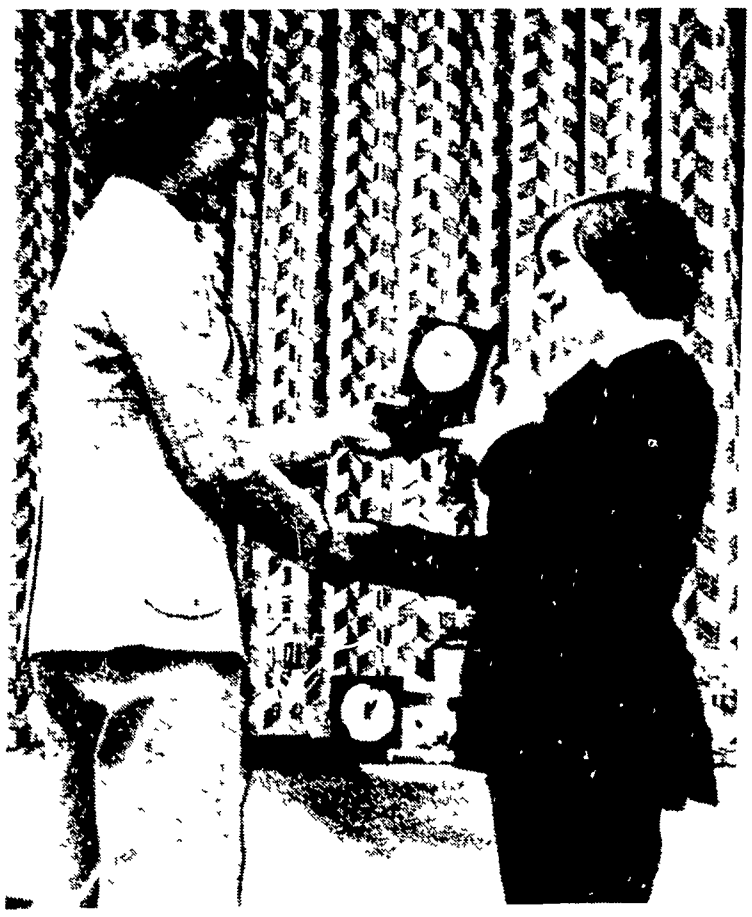
"If I Were Not A 4-H'er" was the humorous skit presented by Jim Stauffer, Deb Martin, Barry Martin, Rick Hollinger and Wayne Hess The skit described the "questionable occupations" a 4-H'er would be forced to follow if there was no 4-H

A singing trio, named "The Clucks" had to get in on the act too by presenting their latest hit song Singers were Scott Augsburger, Ed Nissley and Tony Eberly

The beef for the banquet was fed by Jere Brubaker, purchased and donated to the beef club by The Hamilton Bank

These shady-looking characters made up a trio called "The Clucks" at the 4-H banquet. Clucking out their hit song were Scott Augsburger, Ed Nissley, and Tony Eberly.

Receiving awards for their sheep projects were Gerald Rohrer, champion southdown ewe; Margaret Herr, champion intermediate showman; Monica Esh, county champion jr showman; and Sarah Brubaker, champion hampshire ewe.



Nancy Myers presents an electric clock to Gerald Rohrer for state champion southdown ewe.

Max Smith, retiring county agent, was honored for 44 years of service to the county and to the 4-H beef and sheep club, Thursday at their annual banquet. The club presented him with this jacket made of sheep skin

Farmers Union members attend leadership training

MORRIS — Farmers representing six Pennsylvania counties attended a leadership training conference sponsored by the Pennsylvania Farmers Union Thursday and Friday

The two day conference was held at the Oregon Hill Ski Resort in southern Tioga County.

Linda Siderius, field service coordinator for the Denver, Colorado-based National Farmers Union, told farmers attending the conference that 1981 is a good example of why farmers should be better organized and more effective.

"This year, the basic federal farm law expires The talk is now that the dairy price support program may be altered and that loan programs for farmers could be significantly cut back.

"The only was farmers will come out of this successfully without suffering severe cutbacks in vital programs is to be organized and effective," Siderius said

Siderius pointed out that Congress is dominated by people elected from urban areas.

"Farmers are a minority of the population in the nation and in most states That doesn't mean agriculture is not extremely important, but it does mean that we have to work doubly hard to make our voices heard when we don't have the political clout of the metropolitan areas," Siderius said.

Siderius said the purpose of the Farmers Union's leadership training programs is to help build effective grassroots action in rural areas A similar conference was held for Farmers Union members in the western portion of Pennsylvania on Monday and Tuesday

Attending the conference at Oregon Hill was Mary Boyer of Dauphin County; Jim and Charlotte Davis, Dick and Margaret Edwards, Lewis Manual and Luigi Toto of Chester County; Mr and Mrs Allen Oaks of Susquehanna County, Bill and Wendy Sturges of Tioga County, Terry Fenstermaker, Dennis Graves and James Reed of Lycoming; and Kemmerly Conner of Wyoming County

Livestock market and news

Peoria Cattle

Thursday, February 5
Report supplied by USDA

CATTLE SUMMARY. Compared to last week slaughter steers closed 2 00 to 3 00 lower. Heifers 2 00 to mostly 3.00 lower. Cows 1 00 to 2 00 lower Bulls unevenly steady Trade both Monday and Wednesday slow on steers, fairly active on heifers. Demand remains centered on YG 2-3 1050-1150 lbs. steers and 950-1250 lbs. heifers Consignments in excess of 1200 lbs. and showing an increase of YG 4's in light demand with narrow outlets Receipts this week were about 3200 last week, 3761 and 3818 a year ago.

SLAUGHTER STEERS. Choice 2-3 1050-1200 lbs. 59.50-62 50, bulk 59 50-61.00 late 5 loads 63.00, ½ load 63.25 Monday 2-4 1150-1350 lbs. 58.00-61 75, largely 58.00-60.00 late. 3-4's 56 00-58.50 mostly 4-5's 51 00-56.00 Mixed Good and Choice 2-4 1050-1250 lbs. 57 00-61.00, closing 57 00-59.00. Package 1200 lbs holsteins 57.00. Good 56 00-58 00.

SLAUGHTER HEIFERS. Choice 2-4 950-1050 lbs 57.50-60.50, late 57 50-59.00. 5 loads Monday 61 00-61 25. 3-4's 54 00-57.50. 4-5's 50.00-55 00. Mixed Good and Choice 2-3 850-1000 lbs. 55 00-59 00, Bulk 55 00-57.50 Wednesday Good 53 00-56.00.

COWS. Utility & Commercial 2-3 40 00-44.50. Cutter 38 00-41.50

BULLS YG 1-2 1100-1800 lbs. 50.00-54.00

Chambersburg Auction

Thursday, February 5
Report supplied by PDA

CATTLE 324 Compared with last Thursday's market, Sl cows steady- 50 higher; Sl bulls 1 50-2 00 lower; Sl. steers few Choice No 2-4, 1000-1280 lbs. 57.60-61 25; Good 57.50-60 00 with few to 63 25, few Standard 54.50-56 00 Sl heifers Choice 54 10-59 75 Sl cows Utility & Commercial 43 25-48.00, few to 49.00, Cutters 42 00-46 25; Canner & L Cutter 39 50-43.00. Sl. bullocks. few Good 54 35-57.50. Sl. bulls: Yield Grade No 1, 1050-2100 lbs 53.50-57 50, with one at 61.10.

FEEDER CATTLE. Steers, few Large Frame No. 1, 325-625 lbs 71.00-78.00.

CALVES: 380. Vealers about steady. Few Prime 108.00-118 00, Choice 95 00-111.00, Good 70 00-89.00, Standard & Good 70-100 lbs 60.50-69.50. Utilty 50-90 lbs. 50 00-60.00

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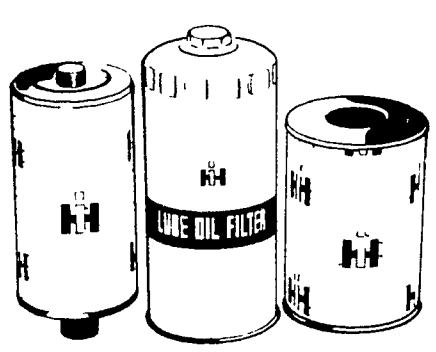

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4-H plans "exciting year"

BY DEBBIE KOONTZ

LANCASTER — Lancaster County 4-H clubs are anticipating a great year according to Nancy Myers, 4-H county agent

"Our leaders are already excited about some of the programs we will be offering. We hope to make this year a year that Lancaster County 4-H clubs really grow," she said.

"We are offering a lot of 4-H awareness programs because 4-H is always changing and we are trying to meet the needs of all youths 4-H isn't just for farm kids anymore Our suburban and city enrollment far outnumbers our rural enrollment"

One such 4-H awareness program took place Thursday morning, January 22, to senior citizens in the New Holland area

The program, held at the Trinity Lutheran Church, featured various projects on which the New Holland area clubs are working Some of them are handyman, rabbit and pet care

Said Nancy, 'Everyone enjoyed that day The senior citizens really like being shown what the kids are doing and we helped make them aware of 4-H's role in their community Hopefully some of those attending will want to help us grow"

The program, headed by Fern Huber, New Holland Community Club, also featured a clothing and crafts presentation by Jennie Phillips of Garden Spot 4-H

The 4-H clubs of Lancaster County not only recruit their leaders, but they also continually help them learn along with the youths

On January 21 and February 5 over 20 leaders from the county joined in various workshops presented by the leaders of the Leader's Advisory Council Their instruction, which included new projects, promotion ideas, leadership skills and group participation, was entitled "Ins and Outs of Club Organization"

"We want to reach the hard to reach areas such as intercity youth, the handicapped and just anybody who still believes that 4-H is all raising cattle and sheep," Nancy explained I think anyone we could talk to would be surprised at what all we offer Even our leaders are learning more about us all the time And they really get excited Imagine how the kids would feel and benefit if they only knew everything we do"

Looking ahead, the roster for the Lancaster County 4-H clubs includes such events as a Night at the Spectrum, March 6 to watch the Philadelpia 76'ers play the Denver Nuggets, a spring fling, a regional event to be held in York, February 21, featuring communications workshops, clowning and pantomime, promotion techniques and group discussions, and a teen leader retreat to Doubling Gap, April 10-12 for the Captial Region - this retreat will feature a juvenile justice system with mock disposition hearings and role playing of different professional positions such as lawyers and judges

Other future events include

Roller skating, March 9

Home ec leaders training, March 25

Teen, leader, agent training retreat to Washington, March 27-29

Capitol Days to Harrisburg, April 27-28

4-H officers training, May 12

Philadelphia fabric trip, May 16

Camp Nawakwa, June 9-12

Public speaking contest, June 17

4-H leadership congress, June 22-26

Day camp, July 14

Fashion revue, July 16

State Achievement days, August 10-12

Many more events are planned and you can read about them in future issues of **Lancaster Farming**.

There is no generation gap here as Linda Sue Huber, future 4-H'er shows senior citizen Eva Hoover a pet care project at a 4-H Awareness program in New Holland.

Leaders from the 4-H Leader's Advisory Council gathered for a workshop entitled "In and Outs of Club Organization." Pictured are (left) Kathy Phillips and Dot Charles who worked together as instructors for the class. With her back to the camera is Barb Engle.

Maple syrup

LITITZ — Is color an indication of flavor in maple syrup candy?

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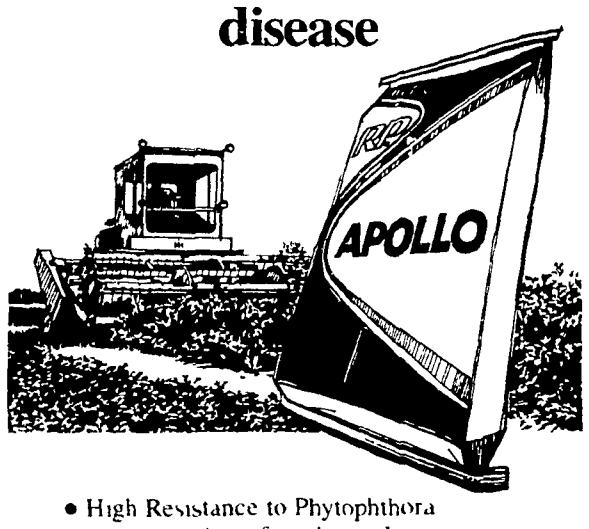

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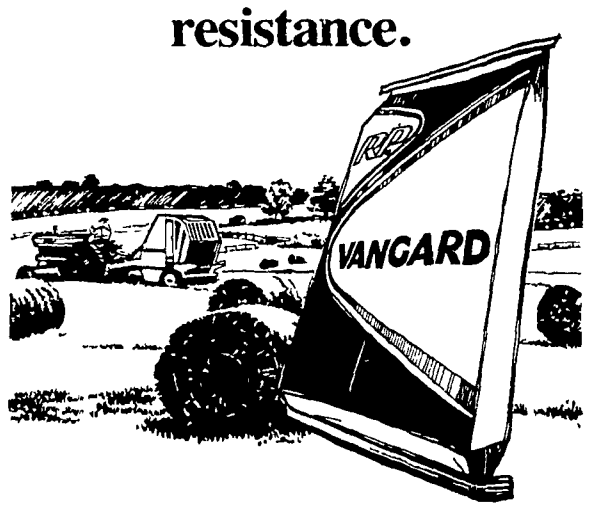

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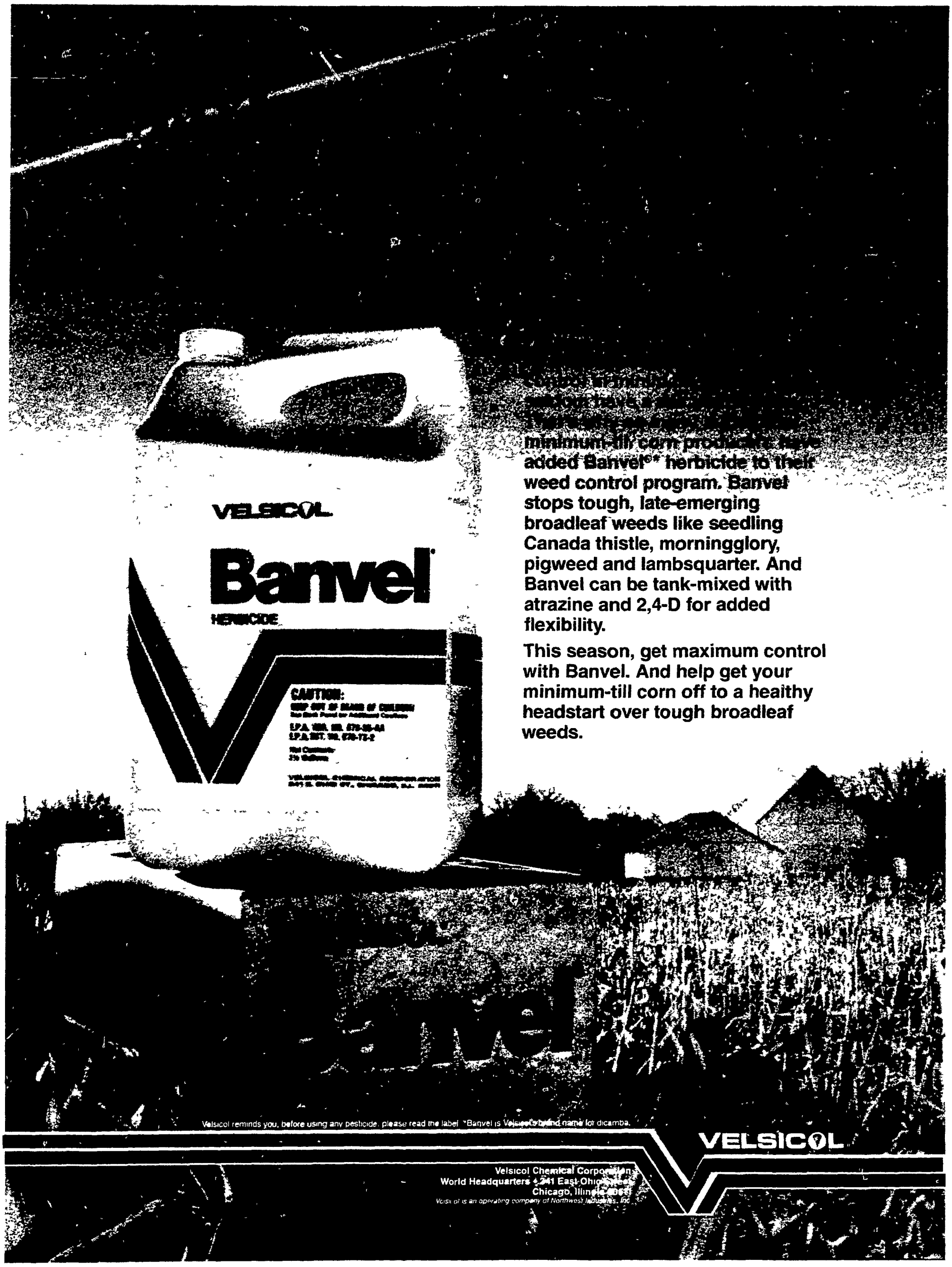

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Heather Staubach wears Pa. Apple Queen crown

BY SHEILA MILLER

HERSHEY — As of Tuesday evening, Heather Lee Staubach of York County is wearing the Pennsylvania Apple Queen crown. She was crowned during the 122nd Annual Meeting of the State Horticultural Association of Pennsylvania, Inc. meeting here this week.

The Penn State sophomore proudly wears her tiara high atop her dark brown hair — the new queen's height is one inch over six feet tall. She received the crown from last year's queen Kris Shutt from Adams County.

As tears brimmed in her brown eyes, Heather proclaimed her surprise at being selected to represent the state's apple industry.

"I gave it my best, and I won," she said.

Heather is the daughter of Dr. and Mrs. John Staubach of York. Her experience in the apple business stems from visits to her grandparents' farm, nearby.

"I helped my grandparents, Mr. and Mrs. Kenneth M. Bear, harvest and market their apples while I was growing up," she smiled.

During the Tuesday evening contest, Heather was the final contestant to appear on stage. She wore a flattering gown in a deep apple-red hue.

When asked what benefits could be obtained from eating apples, she didn't hesitate one second and listed with authority the nutrient value of the once-a-day fruit, earning her a rousing applause from the hundreds of fruit producers in the audience.

When asked if she was coached

(Turn to Page A21)

York County's Heather Lee Staubach was crowned the 1981 Pa. Apple Queen on Tuesday evening by last year's queen, Kris Shutt. Selected as first alternate was Tami Lobaugh of Adams County.

The royal court at the 122nd Annual Meeting of the State Horticultural Association of Pennsylvania, Inc. included: seated, left - Heather Staubach, 1981 Pa. Apple Queen, York Co.; Tami Lobaugh, first alternate, Adams Co.; standing, left - Shari Carlin, Franklin Co.; Janice Rosazza, Chester Co.; Kris Shutt, 1980 Pa. Apple Queen, Adams Co.; Lorraine Hileman, Armstrong Co.; Joanne Klanz, Erie Co.; and Julie Ann Green, Montour Co.

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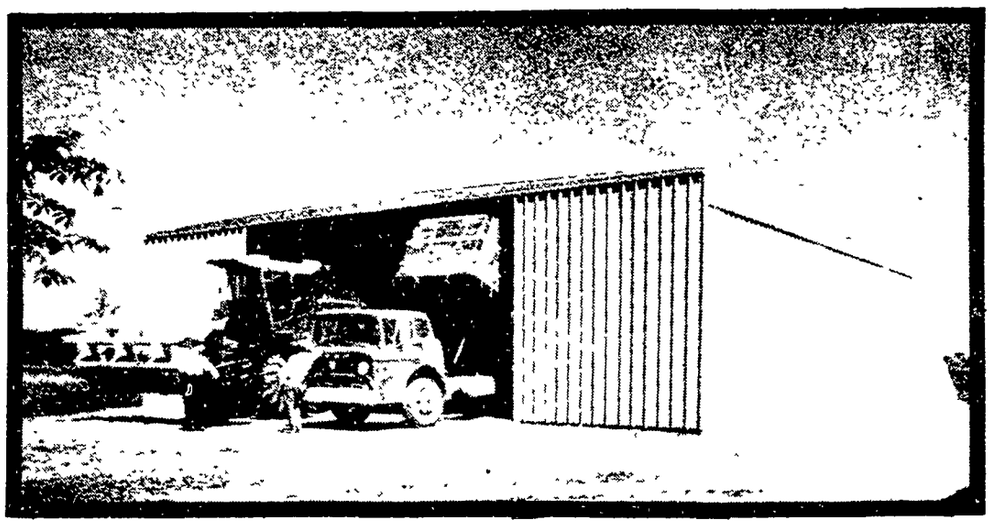

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(Continued from Page A21)

Queen

(Continued from Page A20)

by her father on her expert answer, Heather emphatically said "no". She explained she studied all about the apple long before the contest began.

What are Heather's plans for the future after graduating from Penn State with a degree in microbiology? She said she hopes to get into research, working on plant diseases.

"I want to work with sprays and try to develop new chemicals that will do the job more cheaply — perhaps I'll discover an all-purpose spray by improving on what has already been discovered," she said.

Answering the inevitable question, Heather pondered which apple she enjoys the most and finally selected the Red Delicious. Her favorite way of cooking the fruit is to bake them whole, she smiled.

Selected as first alternate in the contest was Tami Lobaugh of Adams County, daughter of Mr. and Mrs. Leonard Lobaugh. Tami is a freshman at Millersville State College, studying medical technology.

Other contestants included: Shari Carlin of Mercersburg, Franklin County, daughter of Mr. and Mrs. John Albert; Julie Ann Green of Elysburg, Montour County, daughter of Mr. and Mrs. Robert Green; Lorraine Hileman of Apollo, Armstrong County, daughter of Mr. and Mrs. William Hileman; Joanne Klanz of North East, Erie County, daughter of Mr. William Klanz and Mrs. Patricia King; and Janice Rosazza of Avondale, Chester County, daughter of Mr. and Mrs. Thomas Rosazza.

The 1981 Maryland Apple Queen is Joanne Foster, daughter of Mr. and Mrs. C. Richard Foster, owners of Penn Acre Orchard. Presenting the tiara and sash was Cindy Cahill, Maryland's 1980 Apple Queen.

The contest was chaired by Diane Hale of Arendtsville Adams County. Judges for the event were: Norman Childers, Rutgers University; Mrs. John Baum, Hershey, former Miss Pennsylvania chaperone; and Vicki Wass of the Pennsylvania Department of Agriculture.

Lancaster Extension to meet Thursday

LANCASTER — Michael Ranck, District Attorney, will address the Lancaster County Extension Service Annual Meeting.

His topic will be "Crime-Home and Community". The annual meeting and banquet will be held 6:45 p.m., Thursday, February 12, at the Farm and Home Center, Lancaster.

The public is invited. Tickets for the event may be purchased before February 9 by contacting the Extension Service office in the Farm and Home Center, telephone 717/394-6851 or any member of the Extension Board.

Musical entertainment will be provided by Connie and Carol Balmer. In addition to a brief annual business meeting, Lancaster County's newest Master Farmer, Galen Crouse, will be introduced via a slide presentation.

Project book winners listed

LEBANON — The 1981 County FFA Project Book Contest was held on Jan. 22, at the Lebanon County Vo-Tech School to determine accuracy of the records on different projects.

Cedar Crest FFA placings include: Work Experience Off Farm 0-500 hours, Bob Fulk, 3rd place, Bronze, Red Ribbon; Two Enterprise, Dale Zuck, 3rd place, Red Ribbon; Four Enterprise, Steve Wenger, 1st place, Gold, Blue Ribbon; Five Enterprise, Mark Patches, 2nd place, Blue Ribbon; Six Enterprise, Dana Lape, 1st place, Blue Ribbon; Market Hogs, Chris Patches, 3rd place, Bronze, Red Ribbon; Dave Ludwig, 4th place, Red Ribbon.

Trapping, John Ulrich, 2nd place, Blue Ribbon; Field Corn, Bob Bomberger, 1st place, Blue Ribbon; Beef Finishing, Dwayne Gish, 1st place, Blue Ribbon; Dale Ober, 4th place, White Ribbon; Garden, Bob Beard, 7th place, White Ribbon; Lloyd Bixler, 8th place, White Ribbon; Randy Miller, 10th place, White Ribbon.

Supervised Occupation Experience on Farm 0-500 hours, Kirk Juliani, 1st place, Silver, Red Ribbon; Supervised Occupational Experience on Farm 501-1000 hours, Richard Houser, 2nd place, Silver, Blue Ribbon.

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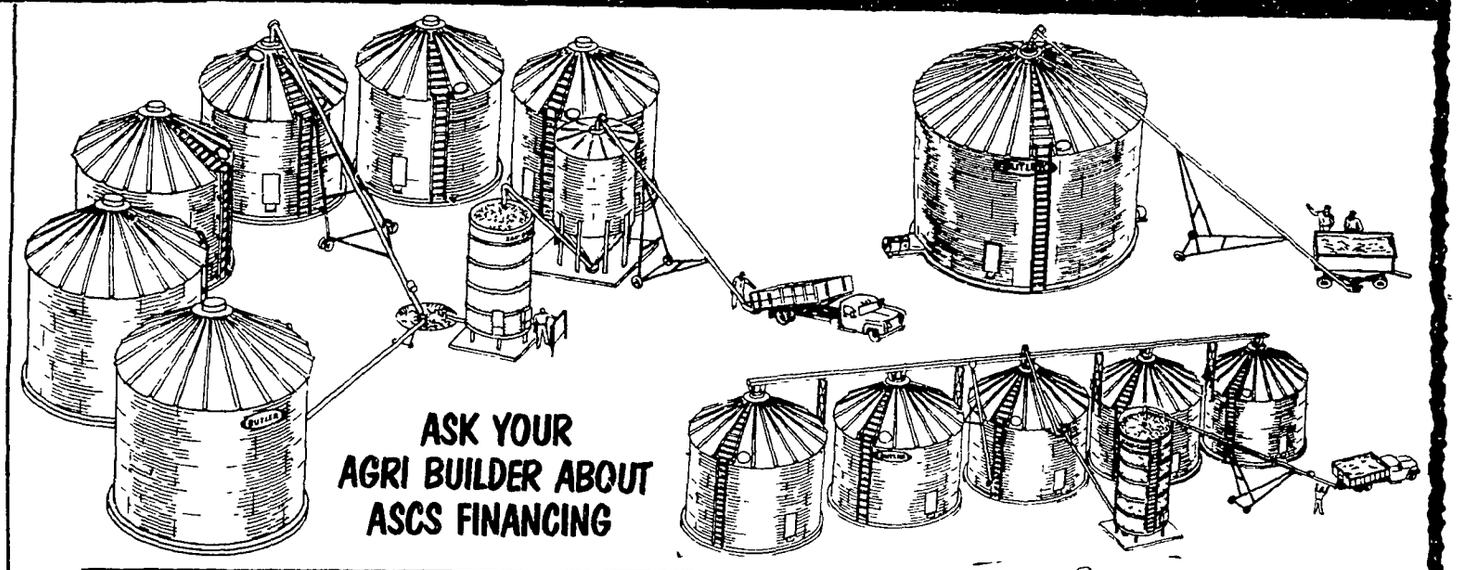

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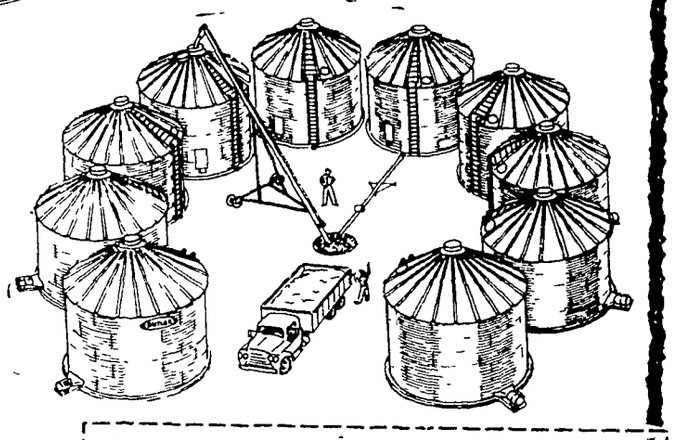

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Berks-Lebanon producers talk TB, hog housing

BY LAUREL SCHAEFFER
Staff Correspondent

MIDWAY — Berks and Lebanon swine producers met at the Midway Diner on route 78 last Wednesday filling the banquet room to capacity.

The producers were interested in hearing the latest developments concerning their hog industry and improving their general knowledge.

Among the many speakers present was Alan Oser, of quality control for Hatfield Packing.

Oser discussed the incidence of Tuberculosis being found in market hogs slaughtered by his company, after explaining his figures can deferentiate between Pennsylvania hogs and out-of-state hogs better than USDA figures which use data from all Pennsylvania Slaughter Houses.

Oser noted that Hatfield has been finding three times as much TB in Pennsylvania hogs as compared to out-of-state hogs. And terminal markets within the state are posing the largest problems because hogs purchased at these markets are too difficult to trace to the producer. The incidence of TB is highest in these hogs as compared to direct bought hogs, he said.

With direct buys, Hatfield notifies the producers when TB is found in two or more sites within a carcass and the farmers's penalized by losing 50 percent of the price of that hog.

The quality control engineer went on to explain the three categories of TB that concern him

The first type, which encompasses about 85 percent of the TB found in slaughter hogs, is where TB can only be found in a primary site such as the head. In these instances the carcasses pass inspection with the removal of the infected area, there is no monetary loss, and producers are not notified

In the second case, TB is found in two sites such as the head and a viseral organ and the carcass is passed only for cooking, reducing the value to about half of that of a good carcass.

The cooking requirements on these carcasses are rigid and render the meat to "almost uselessness," Oser explained.

Fifteen percent of the TB found falls under this category. If the hog is bought directly from a producer, the producer is notified and money is deducted for the loss

The other category includes all condemned carcasses where TB is found in the head, guts, and lymph nodes of the body

These carcasses must be tanked

Oser noted however, that this degree of TB rarely is found

Oser said the rate of TB in hogs slaughtered at Hatfield from Pennsylvania producers averages 0 27 percent while only 0 1 percent of out-of-state hogs are found with TB

Also addressing the pork producers was Dan Myer, Penn State University extension agricultural engineer

Myer discussed new developments in farrowing and nursing units and maximizing the environment in growing and finishing units.

Myer discussed several types of finishing facilities and related air circulation and temperature control to the different styles of housing.

Myers also reminded the producers that optimum growing temperatures for finishing hogs is between 55 and 70 degrees Farhenheit.

In large finishing houses he recommended solid partitions every 120 feet to reduce disease spread and, if possible, to keep the age spread between hogs at only four weeks.

Producers also had the opporutnity to hear a panel discussion on buying and starting feeder pigs.

Participating in the discussion were producers Wilbur Lutz, Sinking Spring; and Mike Firestine, swine producer and farm loan officer for Lebanon Valley National Bank. Dr Jerry Applegate, veterinarian; and Ken Keiphart, Penn State extension assistant also participated on the panel.

Lutz, who markets about 4500 hogs per year stressed the importance of buying hogs weighing 55 pounds since most are shipped from Maryland or North Carolina.

"We'd buy local hogs if possible but it's hard to get 300 to 400 at a time," Lutz remarked

The Lutz's start their hogs on bedding, aureomycin solumet, and a high level protein diet.

He noted they have more problems later in the growing period because of out-of-state facilities with ventilation problems than with newly purchased feeder pigs

Firestine noted he fattens about 500 head per year and buys his hogs locally. He emphasized the importance of backgrounding his eeder pigs to see the conditions they were raised under and only medicates heavily when necessary.

Firestine also said he stresses the importance of adequate ventilation and uses a complete feed This producer also said he won't buy a hog unless its tail was docked.

Applegate said there aren't enough feeder pigs produced in Pennsylvania to supply the demand, a comment previously mentioned by Lutz. Applegate urged the producers to look beyond the price of the feeder pigs to what they are actually buying and how much money will have to be spent once they are home.

The largest problem he feels producers in Pennsylvania have is not being prepared for the feeder pigs once they are purchased.

Applegate reminded the producers that these purchased hogs are probably intermingled with hogs coming from several different farms and are lost socially within the group this creates a large stress on them.

Other stress factors usually can be more properly managed to reduce added stress.

The veterinarian recommended an all-in, all-out system in raising the feeder pigs suggesting that it will probably increase space utilization and decrease the costs of producing the hogs.

Applegate also told the hog producers that 20 foot high ceilings are poor for raising feeder pigs.

"Straw won't help," he added, "it will only keep their bellies warm.

"You will pay for heat one way or another," Applegate continued. "If not through propane, then with corn "

Keiphart also echoed Lutz by noting that he feels producers are

(Turn to Page A26)

Dan Myers, left, Penn State Livestock specialist and Herb Shick, treasurer of Pennsylvania Pork Producers, were among guests at the Berks-Lebanon swine producers day.

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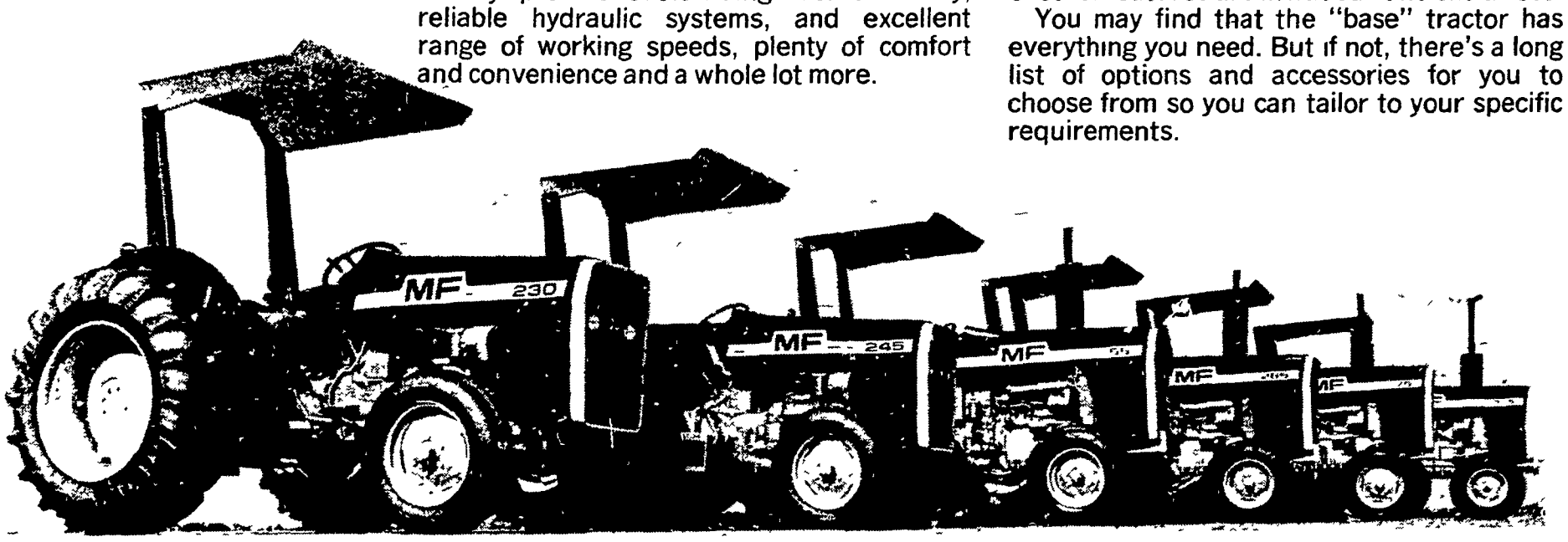

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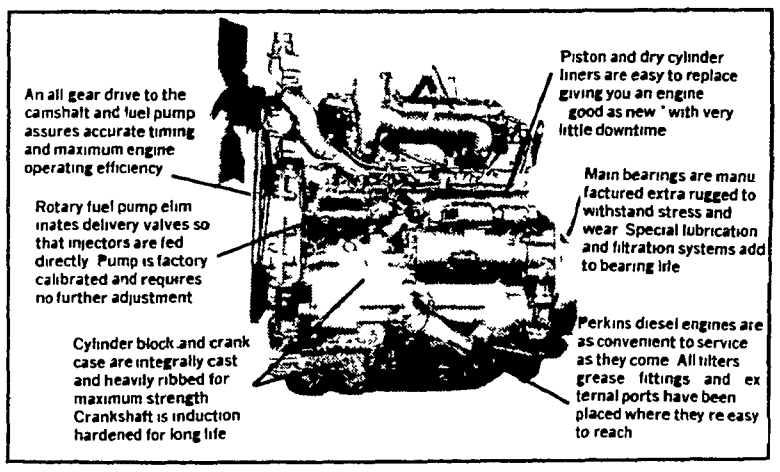
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Weekend rain is only drop in water deficit bucket

LANCASTER — Sunday's and Monday's rainfall did little to appease southeast Pennsylvania farmland's thirst for water

According to state specialist, the area is averaging a 12 inch deficit in rainfall — the teasing precipitation experienced here early in the week only put one inch in the more-than-empty rain barrel

According to Jane Smith, environmental planner with the Bureau of Resources Programming, Department of Environmental Resources, that one inch of precipitation, falling as snow, sleet, and rain, provided 4 million gallons of runoff water per square mile under the low soil moisture conditions existing in the state.

Hydraulic engineer Steve Runkle explained the one inch rain produced 0 2 inch direct runoff In layman terms, Runkle stated this amount of runoff would provide "about four days worth of water in a good sized community, like the Hazleton area "

Current figures show the water shortage to be a regional problem DER reports Allentown has a 14-inch deficit, Harrisburg has a 9-inch deficit, Chester County comes in with a 10-inch shortage, while Selinsgrove has a 12-inch deficit

"We've had two severe months of virtually no precipitation," observed Runkle We're still way behind the norm, and it will take several months of above normal precipitation to catch up "

The DER hydrologist pointed out this water shortage is following a trend started last year in May

We were behind in precipitation from last May on, he said We were ahead going into May But each month s shortage produced a cumulative effect, and now we're feeling it There was only one month with normal precipitation since last May "

Will we catch up in time to have a normal crop year' Said Runkle, It's too early to predict crop [illegible]s

Just looking at corn, of all the factors that affect production, water is most important From emergence to harvest, corn generally requires 16 to 26 inches of water, according to DeKalb agronomist Wayne Fowler

Total water required for a successful corn crop varies from season to season and from area to area, he noted. Even in the corn plant's growth cycle, water intake varies

"During the first 45 days when plants are growing to waist high, water consumption increases from essentially zero to about 0 15 inch per day

"Then during the rapid plant growth state, moisture demand increases sharply to a maximum of abot 0 35 inch per day during the pollination period. Under hot, low humidity conditions, this maximum has been reported to be as much as half an inch per day

Moisture demand tapers off after pollination and is down to roughly 0 65 inch per day when grain reaches physiologic maturity

Any time these moisture demands cannot be met, plants suffer With corn, the most critical growth state is from a few days prior to tasseling to a few days after pollination is completed This is a time of extreme demand for both water and nutrients "

A lot can happen precipitation-wise between now and next fall's corn harvest, but what about the small grains that are out there competing for survival now?

According to Arnold Lueck, Lancaster County Extension Agronomist, the 24 hour rain that fell on February 1 and 2 was a life-saver for small grains

"Things were just starting to get critical," he said. "But after the rain, the picture changed drastically."

Lueck pointed out wheat, barley and rye were undergoing a stress period for the past couple months Fortunately, they're dormant and don't require a lot of water, he pointed out

Luckily, we haven't had a lot of wind recently," Lueck exclaimed, 'which would have dried out the plants — dehydrated them "

The Lancaster agronomist noted the small grains did not benefit much this winter from the insulating effects of snow cover since the snows that fell ' didn't lay "

"You didn't have to look far from the field to see brown snow drifts where the soil had blown," he said.

Lueck predicted the small grain crop to "be all right" this summer It was a timely rain, he concluded

Along with the small grain growers, several other Lancaster County farmers welcomed the rain Among them was Philip Crouse, 21, son of Galen Crouse, Ephrata.

Since last September, the Crouses have been hauling water to their farm to supply the water for domestic needs as well as for their 100 milking Holsteins

"Last November we buried a 12,000 gallon tank which has helped a little bit, but we still had to haul 5000 gallons of water two weeks ago," Phil recalled

The farm's seven wells and spring started going dry last fall which necessitated hauling 1200 gallons of water every day to meet the livestock and human needs

"We're blaming the weak water supply on the weather," said Phil "The wells have never gone dry before in my life time, although Dad talks about it being dry one other time in the 1950's "

Phil said the snow melt seems to have helped to revive the sluggish spring and wells. But even at best, two of the wells flow at only a half-gallon-per-minute rate while the other three push only a gallon or two per minute, according to Phil

'We're not in the best place for water or well drilling," he noted, revealing two additional wells had been dug which were both failures

The Lancaster County Soil and

(Turn to Page A 25)

Sheep, wool growers to meet

MECHANICSBURG — This Thursday, February 12, is the deadline for tickets for the annual meeting of the Cumberland Cooperative Sheep and Wool Growers meeting

The 12th annual growers banquet will be held Monday evening, February 23 at 7 p m

The location will be the First United Methodist Church, on the corner of Frederick and Simpson Ferry Roads, Mechanicsburg

The directors decided that a banquet should be held in conjunction with the annual meeting again this year. Of course, the meal will feature lamb

Tickets for the banquet will run $4 25 for adults with the cooperative making up the difference Tickets for 4-H members who completed a sheep project in 1980 will be $2 25

Children under 10 also are welcome for $2 25

In addition to the banquet there will be a brief business session, the election of two directors and one auditor, the president's report, and recognition of 4-H members

Dr Lester Griel, the veterinarian for the Penn State sheep flock, will be on hand to discuss "A health program for your flock "

Any grower who pooled wool at the 1980 Cumberland Cooperative wool pool automatically is a member of the Cooperative and is welcome to attend the annual meeting

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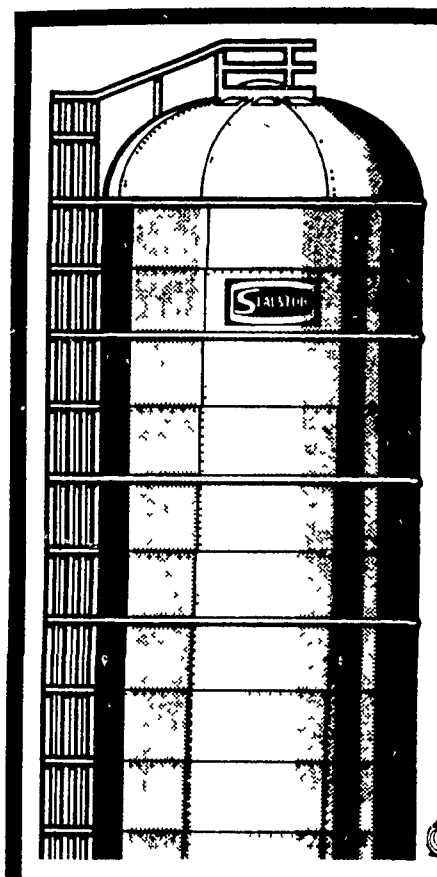

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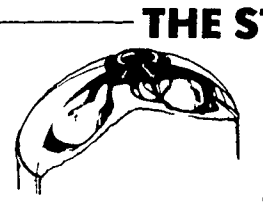

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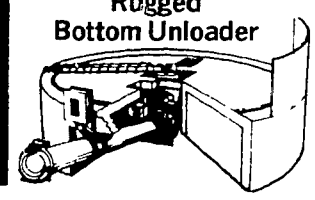

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Drought

(Continued from Page A24)

Water Conservation District is planning to put together an information program on water conservation, according to Tom Johnston, administrator This program will be geared toward the residential areas, he said, like faucet aeration and low-flow shower heads that restrict the amount of water to a two gallon per minute flow to help reduce water consumption

For farmland, Johnston pointed out the District is continuing to assist farmers with conservation practices designed to hold water and soil on cropland fields instead of allowing it to run off.

And, with the current water shortage, anything that increases the available moisture for agriculture and domestic use will be welcome.—SM

Solanco Young Farmers to hold forage meeting

QUARRYVILLE — The Solanco Young Farmers Association is sponsoring a forage meeting featuring infrared forage analysis. The instrument to do this was recently developed and tested by John Shenk and associates of the U.S Department of Agriculture's Regional Pasture Research Laboratory at Penn State.

This meeting will be held on February 17, at 7.30 p.m. in the Solanco High School Agriculture classroom.

Shenk will explain the infrared process and it's possibilities in nutrition, particularly the formulation of dairy rations.

Shenk will arrive at Solanco about noon on the 17th and working in the van that houses the infrared spectro computer will begin analyzing forage samples from local farms. He will complete a maximum of 50 forage samples during the afternoon. Samples could be hay, haylage, corn silage, high moisture corn, or corn grain.

During the evening meeting he will review the results of the infrared analysis with the farmers. Because of the limited number of samples, members of the Solanco Young Farmers will have priority given to their samples.

Anyone is welcome to observe Shenk and his work with the infrared analysis during the afternoon. The van will be operating in the ag shop at Solanco High School

Anyone interested in having forage samples analyzed is asked to contact Mr. Ronald Althoff at the high school 717/786-2151 for details on preparation of the samples

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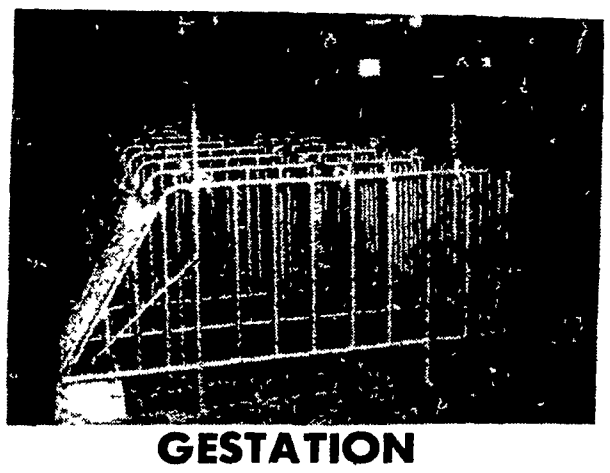

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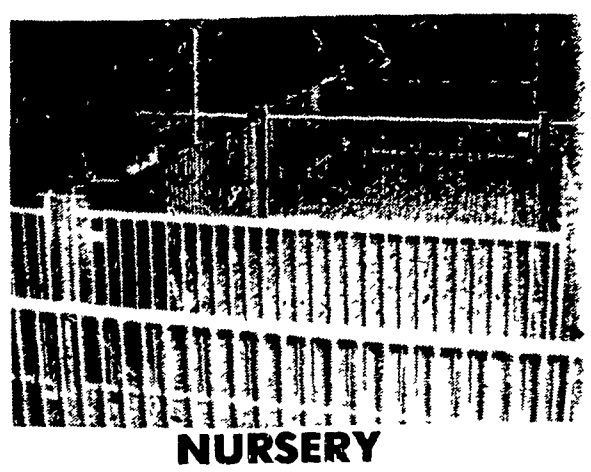

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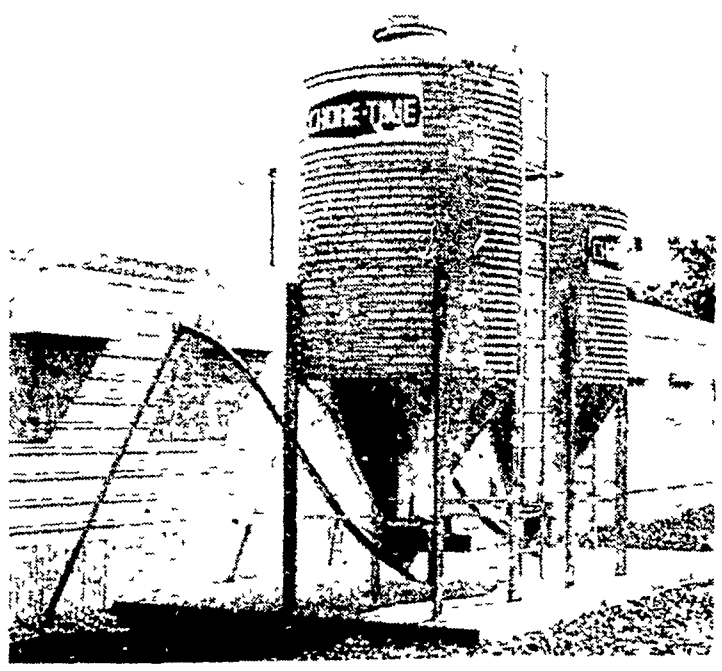

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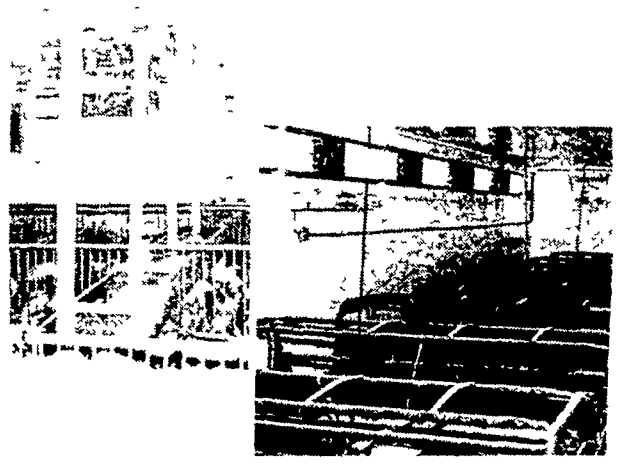

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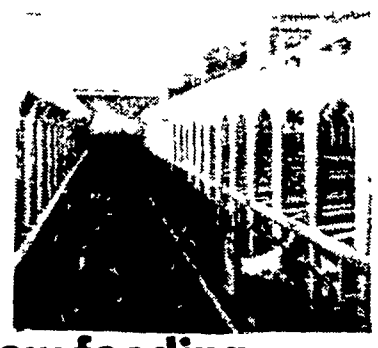

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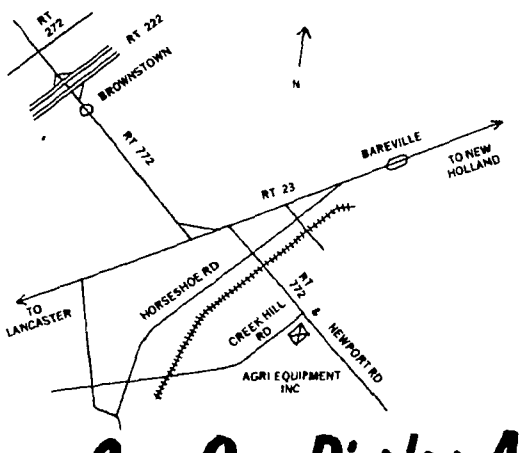

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See Our Display At The Keystone Pork Congress - Thursday February 19

Berks-Lebanon

(Continued from Page A22)

trying to buy hogs that are too small and recommended that they buy pigs weighing 55 pounds or better, especially in winter

"These pigs are much more adaptable and able to cope with stress factors better than the smaller hogs," he explained

Other topics covered during the day long affair included

Improving reproduction efficiency discussed by Keiphart, prevention and control of Pseudorabies, Rhinitis, TGE, l . and mange, discussed by Applegate, and how to use the state diagnostic laboratory at Summerdale and an update on Psuedorabies by Patricia McQuiston, laboratory veterinarian

Herb Shick, treasurer of the Pennyslvania Pork Producers presented a slide presentation entitled 'Working for You - The Pennsylvania Pork Producers. which explained the areas for which the check-off money is being used and the increased thrust the pork producers are putting on advertising

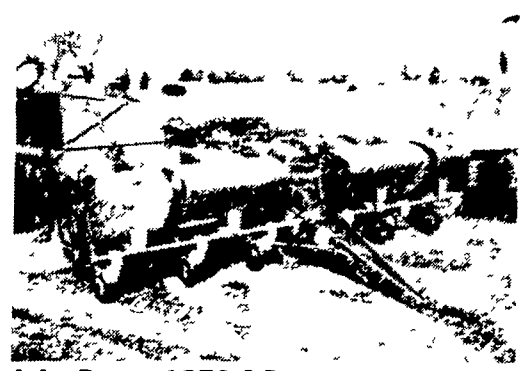
N.J. sponsors 4-H winter camp

CLEMENTON, N J — Winter fun and learning was part of a weekend for 11 teens from Camden County Annual 4-H Winter Camp is a time when two 4-H counties get together at the New Jersey Center for Outdoor Education, Stokes State Forest, New Jersey

Operated by Rutgers University, the camp features cabins, full service kitchen and recreation facilities

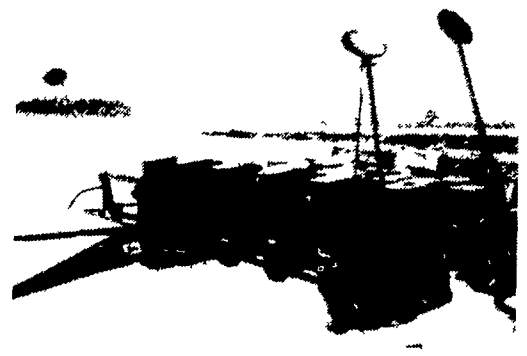
Attending from Camden County were Kathi Trotter, Lisa Post of Collingswood, Darin Diem, Lisa Owens of Stratford, Mary Ann and Suzie Walinches of Cedar Brook, Jewell and Kevin Henley of Pine Hill, Yvonnie Cross from Bellmawr, Lisa Podesek of Atco, and Karen Valvardi of Erial. Accompanying the group were Richard Firerra, Patty Price, 4-H Leaders and Dagmar M. Parker, County 4-H Agent.

IH 16x7 #10 Grain Drill Double Disk $1850



John Deere 1250 6 Row Planter $3850

John Deere 894A 8 Row 30" Planter A-1 Shape $2350



John Deere 1250 6-Row Plateless Planter $2150

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NH 717	~~1,175.00~~	1,050.00
Fox 1000 RPM PTO w/2 row corn hd Pk up attach	~~1,495.00~~	1,350.00

USED BALER SPECIALS

JD 24T w/#2 ejector	~~$1,650.0~~	$1,475.00
JD 24T w/#2 thrower	~~1,550.00~~	1,395.00
AC 444	~~850.00~~	775.00
John Deere 14T	~~750.00~~	675.00
John Deere 14T w/ejector	~~450.00~~	400.00
NH 270 w/thro SOLD	~~1,950.00~~	1,750.00
Ford 530 w/thrower		1,850.00

USED TILLAGE SPECIALS

Brillion 12 Roller Harrow		$1300.00
Bush Hog 10 Disc		1,250.00
Oliver Disc Harrow	~~1,175.00~~	1,050.00
Ford 4 16 Plow	~~950.00~~	850.00
JD KBA 32x18 Wheel Carrier Disc	~~875.00~~	750.00

USED COMBINE SPECIALS

JD 55 Diesel w/cab 12 Platform	~~$7,500.00~~	$6,750.00
JD 6600 Diesel w/643 Corn Head & 13 Platform		38,500.00
Cockshutt 427 w/Power Steering & 10 Platform	~~1,450.00~~	1,300.00
IHC w/10 Platform		1,175.00

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New Holland 479 as is	~~$2,150.00~~	$1,925.00
NH 469		2,150.00
John Deere 1209		3,300.00

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John Deere 148 Loader	~~$2,200.00~~	$1,975.00
John Deere #58 Loader A 1 Shape	~~1,800.00~~	1,600.00
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NH #8 Crop carrier	~~1,150.00~~	1,025.00
John Deere 24 Skid Steer Loader		3,950.00

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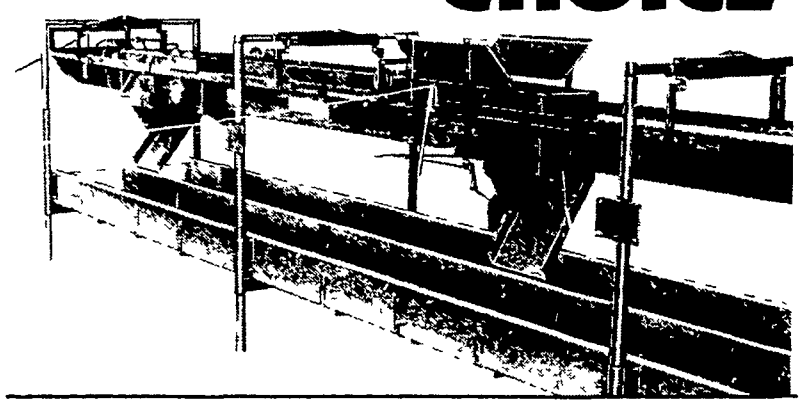

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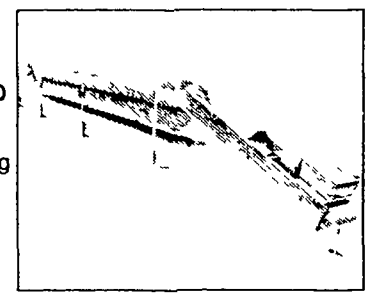

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Brecknock farmers reaffirm opposition to zoning changes

BY DICK ANGLESTEIN

FIVEPOINTVILLE — Opposition to proposed changes in agricultural zoning regulations was reaffirmed Monday night in a meeting of Brecknock Township farmers in the Fivepointville Fire Hall.

The proposed change receiving the most opposition is a restriction that would require a minimum of 25 acres for poultry operations of more than 5,000 birds, hog operations of more than 25 sows or other livestock operations of 50 head

After considerable discussion of the 25-acre restriction, including a suggestion to reduce the minimum to 10 acres, many of the 115 attending farmers favored the elimination of acreage requirements from the zoning ordinance entirely.

Elimination of the acreage requirement was just one of a number of concerns expressed by the farmers at the crowded session that lasted for more than two hours in the basement of the fire hall

Among other items of opposition and concern that the farmers expressed to Harold Shank, township supervisor attending the meeting, were.

A regulation that would require the plowing down of liquid manure within 10 days of application was a concern of a number of farmers. In addition to weather limitations involving such a regulation, there was a considerable difference of opinion concerning the definition of liquid manure under the proposed changes in the zoning ordinance.

It was felt that setback requirements proposed for certain agricultural operations were discriminatory

Several times farmers questioned why the ordinance should restrict the construction of a hog barn within 500 feet of a dwelling and no similar setback requirement is placed on the construction of a dwelling in the vicinity of a hog barn

Among other sections of the proposed zoning changes opposed by farmers were an abandonment clause involving agricultural operations that may be temporarily suspended, restrictions on the future operation, particularly expansion, of farms considered non-conforming uses in other zoning districts and whether general nuisance restrictions might conflict with "Right to Farm" protection in the agricultural district.

Another of the major comments made by the farmers was the need to hold another public hearing to review the proposed zoning changes and any additional revisions that may be made as the result of opposition that has been expressed

Unofficial chairman of the informal meeting was Robert Schnader, steer farmer from R2 Reinholds.

Supervisor Shank explained that the board, the planning commission and solicitor were scheduled to meet in a private session to discuss any revisions to the zoning changes

He explained that no action would be taken at the private meeting and formal action on the ordinance would take place at one of the board's regularly scheduled meetings on the first and third Tuesday of the month.

Notification would be forthcoming when any action is planned, he said

In addition to the proposed zoning changes, a number of other topics were touched upon at the meeting.

From the farmers, several questions centered on whether such regulations are needed to be updated. Concerns were also expressed of the effect of an increasing number of regulations on the future of farming.

From the township, certain agricultural practices were cited, such as damage to roads by the turning of steel-wheeled tractors and the plowing of ground to the edge of roads which causes the washing of topsoil onto the roads.

Computer program

(Continued from Page A15)

and sizes and the proportion of income produced by each. Also provided is a summary of expenses and receipts for that field as well as the net income.

The process is repeated for each picking on each field so the grower has a continuing account of how well or how poorly each is performing in relation to others on the same farm Evaluations are made immediately on yields, pack out, quality, size and price to determine where changes are needed to improve income while there is still time to make adjustments

After the crop is sold the grower is provided a summary of all the information obtained from the farm during the marketing season. This is sorted by fields and varieties so the grower has complete and accurate information for evaluation.

In addition, summary information on varieties is compiled from all the growers to use for variety selection for the following year. Growers participating in the program are numbered to provide anonymity in the summary reports.

During 1980, there were 628 acres of tomatoes included in the program.

Further information, including examples of the "Tomato Marketing Analysis Program" print outs as well as variety summary information, is available from the Lackawanna County Cooperative Extension Service, 200 Adams Avenue, Scranton 18503.

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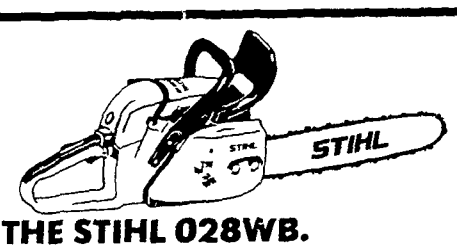

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Security fund, ag budget

Economics hold spotlight in state capital

HARRISBURG — The Pennsylvania Milk Security Fund is not building up as rapidly as expected

And while dairymen looked at the weak support of the Fund, all of Pennsylvania agriculture was examining the cuts in ag appropriations in the proposed State budget.

Of the 120 milk dealers in Pennsylvania only 31 have elected to contribute to the Milk Security Fund

The remaining 98 dealers have chosen to offer a bond as security

All of the cooperatives in Pennsylvania have opted out of the Milk Security Fund for co-ops

Needless to say, this leaves the Milk Security Fund less than awash in funds

At a mid-week meeting, dairymen and representatives of the dairy industry were told there was a total of $73,000 in the fund as of January 31, 1981

Meanwhile, the fund is budgeted for roughly $50,000 in operating expenses, leaving a paper-thin margin for paying dairymen should a dairy go under

Currently, dealers pay one cent per cwt milk into the fund Hank Geisinger, representing the state milk dealers, again suggested a split payment of one cent by dealers and one cent by dairymen as the answer to building the fund more rapidly

Also suggested was requiring a bond from all dealers

In the meantime, Pennsylvania Farmers' Association began an investigation into what it feels can be done

At the same time, Governor Richard Thornburgh proposed a $7 2 billion dollar budget with no increase in taxes.

On the other hand agriculture, already a miniscule part of the budget, saw itself cut back about five percent in total funding.

Last year's general government operations budget was $15,504,000; this year it is proposed at $14,838,000 according to Deputy Secretary of Agriculture Chester Heim

Total Department budget is projected at $29,447,000 from last year's $29,925,000

"We're kind of happy the governor is cutting down on spending," Heim noted, "but we wish he'd let us have more "

Included in the budget is a $200,000 line item for promotion and research

The Department had submitted a cut-back budget, but the figures came back somewhat tighter than expected.

At present, the Department is examining the budget, hoping with good management it will not have to cut services

It would have taken nearly a $1 million increase in last year's budget to maintain programs, salaries, and the like at last year's levels if allowance is made for increases and inflation

In the meantime, Ag Department officials will prepare themselves for hearings before the House on Tuesday, February 24, and before the Senate on Tuesday, March 3 —CH

Berks crops day features soybean growth

BY LAUREL SCHAEFFER
Staff Correspondent

LEESPORT — Berks County farmers gathered last Thursday in large numbers at the county Agricultural Center, here for their annual crops day organization by the county extension office

Discussed were corn, soybeans, small grains, fertilizer, crop insurance, and a pesticide training update Elwood Hatley, Penn State University extension agronomist discussed small grains and soybeans

With soybean production, Hatley emphasized the importance of proper management He explained the difference between two types of soybeans; indeterminate and determinate Determinate beans are more branching while indeterminate beans have more of a main stem and are the beans grown in this area.

To reduce lodging and increase the chances for higher podding on the stems, Hatley said population was the key Producers should plant by number of plants per foot rather than pounds per acre, he urged Hatley recommended three plants per foot in seven inch rows, noting environmental factors such as drought conditions has an effect on the size of the soybean seeds.

The agronomist recommended narrow row widths, because they produce higher yields and make weed control easier.

Also noted was the importance of seed depth, noting because of their relatively large size the soybean needs a high amount of moisture to germinate which must be supplied by the soil

Seed should be 1 5 inches deep because of its need for water

Another factor to consider is crusting, the producers learned. Because the seed itself is pushed up when germinating the necks can be broken off easily in soil with a crust over it Planting the seeds at 1½ inches also protects them from herbicides

Hatley also discussed the importance of innoculation especially in soil planted with a different crop the year before "Make sure you are getting enough on," Hatley urged

Elwood Hatley, left, PSU extension agronomist; Roland Feeg, Womelsdorf, farmer; and Guy Braxton of Monsanto, commercial exhibitor, talked about the coming season during the Berks County crops day.

Other speakers and topics were Joe McGahen, Penn State Extension Agronomist, discussing corn and pesticides for corn, Lynn Hoffman, Penn State University Extension Agronomist, discussing profitable crop rotation, Bill Myers, review team for USDA Federal Crop Insurance; and Bill Angstadt, Jr , of Reading Bone Fertilizer Co., with a fertilizer situation update, along with Mel Kramer of Agway

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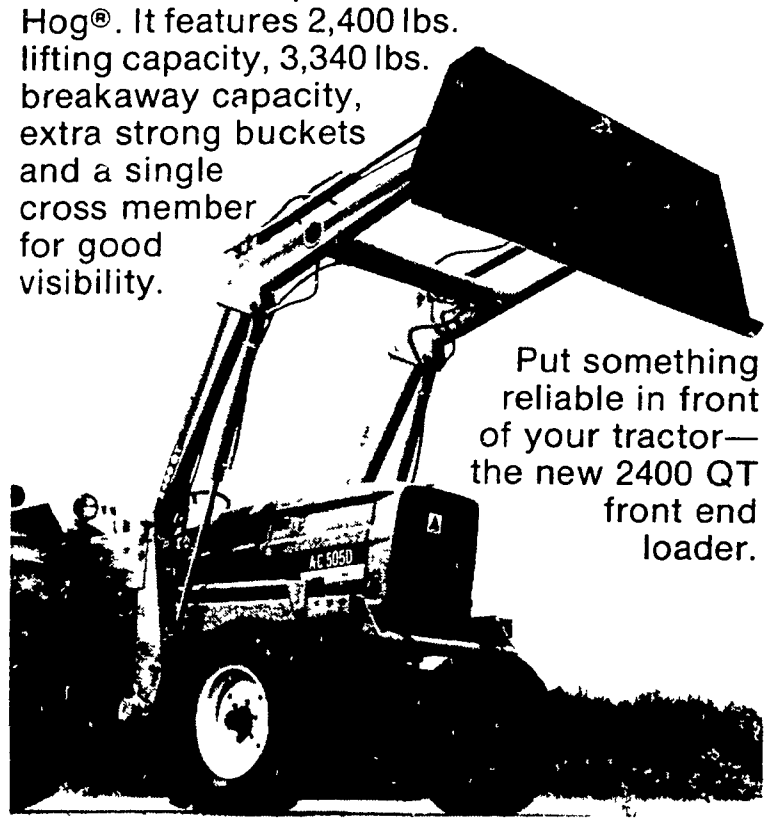

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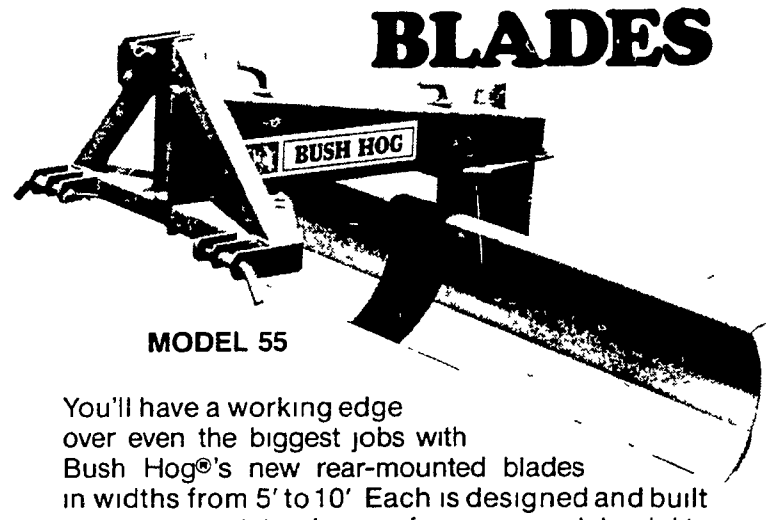

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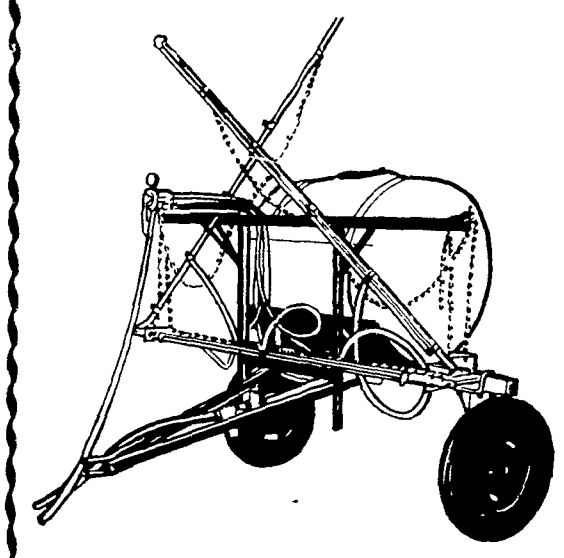

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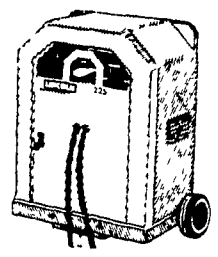

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Prices do not include bolts from listing for all shares
Broken Hard Surface Rock Shares replaced FREE as long as share is not worn out

FOR CASE
Uses 1/2" front bolt, 3/8" on others

14	4 hole	16019-002	9 99

FOR JOHN DEERE
3 hole uses 7/16" bolts, 4 holes uses one 1/2" & three 7/16" bolts

14	4 hole short	16040 002	8 99
16	3 hole	16022 002	9 59
16	4 hole short	16057 002	9 59
18	5 hole	16095-002	10 99

FOR IHC
3 hole uses 7/16" bolts, 4 hole uses one 1/2" & three 7/16" bolts

14	3 hole short	16073 002	9 99
14	4 hole short	16074 002	9 99

FOR MASSEY FERGUSON
Uses 7/16" bolts, 4 hole uses one 1/2" & three 7/16" bolts

14	3 hole	16059 002	9 99

FOR OLIVER and MINN -MOLINE
Uses 7/16" Clip Head Bolts

16	4 hole short	16042 002	10 69

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PLAIN BLADES

	Size	Stock #	Reg	SALE
16"	7/8 axle 11 gauge	808 261	7 89	7 19
	1 axle 11 gauge	810 261	7 89	7 19
	1 1/8 axle 11 gauge	810-261	7 89	7 19
18"	1 1/8 axle 11 gauge	812 261	8 79	7 99
	1 axle 11 gauge	812 261	8 79	7 99
	1 1/8 axle 11 gauge	828 261	8 79	7 99
	1 1/4 axle 11 gauge	828-261	8 79	7 99
	1 axle 9 gauge	826 261	10 89	9 99
	1 1/8 axle 9 gauge	826-261	10 89	9 99
	1 1/4 round axle 9 gauge	830 261	10 89	9 99
	1 1/8 axle 9 gauge	830 261	10 89	9 99
20"	1 1/4 round axle 9 gauge	818 261	13 19	11 99
	1 axle 9 gauge	818-261	13 19	11 99
	1 1/4 round axle 9 gauge	829 261	13 19	11 99
	1 1/8 axle 9 gauge	829 261	13 19	11 99
22"	1 1/8 axle 7 gauge	827 261	20 99	18 99
	1 1/4 axle 7 gauge	827 261	20 99	18 99

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FOR ALLIS CHALMERS
Uses 3/8 Clip Head Bolt

Size	Stock No	Price	SALE
All 14 except 375 387 series	16017 002	10 39	8 99
All 16 except 375 387 series	16018-002	10 59	9 29
16 375 series	16087-002	10 29	8 89
All 14 and 16 387 series	16082-002	10 49	9 19

FOR CASE
Uses 1/2 front bolt, 3/8" on others

14	4 hole	16019-002	9 39	8 19
14	4 hole short	16077-002	9 69	8 49
16	3 and 4 hole	16056-002	9 99	8 79
16	4 hole short	16078-002	10 39	8 99

FOR JOHN DEERE
3 hole uses 7/16" bolts, 4 holes uses one 1/2" & three 7/16 bolts

14	3 hole	16020-002	8 49	7 39
14	4 hole	16021-002	8 49	7 39
14	4 hole short	16040-002	8 49	7 39
16	3 hole	16022-002	8 99	7 79
16	4 hole	16023-002	8 99	7 79
16	4 hole short	16057-002	8 99	7 79
18	5 hole	16095 002	9 99	8 79

FOR FORD
Uses 7/16" Clip Head Bolts

14	3 hole	16024 002	8 49	7 39
14	3 hole short	16039 002	8 49	7 39
14	4 hole	16058-002	8 49	7 39
16	3 hole	16025 002	8 99	7 79
16	4 hole	16072 002	8 99	7 79

FOR IHC
3 hole uses 7/16 bolts 4 hole uses one 1/2 & three 7/16 bolts

14	3 hole	16026-002	9 39	8 19
14	4 hole	16027 002	9 39	8 19
14	3 hole short	16073 002	9 39	8 19
14	4 hole short	16074-002	9 39	8 19
16	3 hole	16028-002	9 99	8 79
16	4 hole	16029-002	9 99	8 79
18	4 hole	16096-002	10 99	9 69

FOR MASSEY FERGUSON
Uses 7/16 bolts 4 hole uses one 1/2 & three 7/16 bolts

14	4 hole	16059-002	8 49	7 39
16	4 hole	16060-002	8 99	7 79

FOR OLIVER and MINN -MOLINE
Uses 7/16 Clip Head Bolts

14	3 hole	16034-002	9 39	8 19
14	3 hole short	16076-002	9 69	8 48
14	4 hole	16035-002	9 39	8 19
16	3 hole	16036-002	9 99	8 79
16	4 hole	16037-002	9 99	8 79
16	4 hole short	16042-002	9 99	8 79
16	& 18 5 hole for Oliver only	16088-002	10 29	8 89

NOT IN STOCK BUT CAN BE ORDERED

24"	1 1/4 axle 1/4 thick	839 261	34 49	31 49
	1 1/2 axle 1/4 thick	839 261	34 49	31 49
	1 1/2 round axle 1/4 thick	840 261	34 49	31 49

NOTCHED BLADES

18"	1 axle 11 gauge 10 lbs	825 261	9 39	8 59
	1 1/8 axle 11 gauge 10 lbs	825 261	9 39	8 59
	1 axle 9 gauge	841 261	12 79	11 69
	1 1/8 axle 9 gauge	841 261	12 79	11 69
20"	1 1/8 axle 7 gauge	832 261	17 99	16 39
	1 1/4 axle 7 gauge	832 261	17 99	16 39
22"	1 1/8 axle 7 gauge	838 261	23 39	21 39
	1 1/4 axle 7 gauge	838 261	23 39	21 39
24"	1 1/2 round axle 1/4 thick	837 261	35 49	32 39

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This year's soil tests to call for more lime

BY JOYCE BUPP
Staff Correspondent

YORK — Ever heard of SMP?

That's a brand new, and more accurate, lime test that Penn State has begun using to sample acidity levels in the state's agriculture soils

SMP is named for Shoemaker, McClean and Platts, three Ohio researchers who developed the improved soil acidity testing method. Penn State soil fertility specialist, Doug Beegle, briefed growers attending the York County corn clinic on the improved accuracy of the new testing procedure

Calling lime testing the "most important test of all," Beegle emphasized to the grain producers that, unless soil acidity levels are at correct levels, crop aids, such as pesticides, herbicides and fertilizers, might be a waste of the farmer's dollars

Former tests, while popular and helpful in determining acidity, still had their problems, because researchers now know that the tests were frequently too low in their liming requirements

Beegle allowed that the new SMP test may still be slightly deficient in lime estimates, but says that it's much more efficient and accurate than former methods.

He warned farmers to expect this year's tests to call for greater tonnages of lime, up to as much as 39 percent more than previously called for, especially on soils with a pH level of 7 0 or less

Soils that have been limed on a regular basis, however, should not show such a dramatic need

That was just one of the cropping recommendations based on recent research projects at the University

Soil fertility specialists are also suggesting that corn growers begin applying higher amounts of phosphorus in starter fertilizer, to get seedlings off to a rapid-growth start

Beegle recommends a 10-30-10 starter product, applied in a band Up to 90 pounds of plow-down phosphorus could also be incorporated in a band-type application With liberal quantities of phosphorus within easy reach of seedling roots, very rapid growth is promoted and less fixation of the nutrient occurs

While croppers and researchers alike have been calling for some type of dependable test for nitrogen levels, Beegle admits that accurate test for nitrogen is "not too close "

Recent studies, however, show growers may be able to cut back slightly on expensive nitrogen additives, while still maintaining high-yield stands.

Corn-following-legumes is an especially wise rotating program, since sods and soybeans may leave enough residual nitrogen so that little more than a starter band of pop-up fertilizer is needed. Wise use of livestock manures, incorporated at the proper time to minimize nutrient losses, is another fairly inexpensive nitrogen source

Urging that farmers continue, and even intensify, their use in soil testing, Beegle warned that soil nutrient carryover is especially uncertain in dry years, such as the conditions that settled over much of the state last year.

Nitrogen from Legumes

	Yield Goal (Bu./A)†		
	100	125	150
	—Nitrogen (lbs./acre)—		
First year after good alfalfa sod (greater than 50% alfalfa)	100	130	140
Second year after good alfalfa sod (greater than 50% alfalfa)	60	60	60
First year after medium alfalfa sod (25-50% alfalfa)	80	100	100
First year after poor alfalfa sod (less than 25% alfalfa)	60	60	60
First year after clover or trefoil sod	60	60	60
First year after soybeans	40	40	40

New Nitrogen Recommendations for Corn

	Yield Goal (Bu./A)†					
	100		125		150	
Continuous corn grain	100	120	130	160	160	200
Continuous corn silage	120	120	150	160	180	200
First year after good alfalfa sod (more than 50% alfalfa)	20	60	20	100	40	140
Second year after good alfalfa sod (less than 50% alfalfa)	60	120	90	160	120	200
First year after medium alfalfa sod (25-50% alfalfa)	40	120	50	160	80	200
First year after poor alfalfa sod (less than 25% alfalfa)	60	120	90	160	120	200
First year after clover or trefoil sod	60	80	90	120	120	160
First year after soybeans	80	120	110	160	130	200

† Yield goals for silage are 17, 21, and 25 tons per acre respectively

Spring fertilizer outlook appears rather rosey

CHICAGO, Ill — The 1981 outlook for U S agriculture and its supplier, the fertilizer industry, is optimistic, an industry observer pointed out here Tuesday at the annual meeting of The Fertilizer Institute

L L Jaquier, group executive for the agricultural chemicals group of W R Grace & Co , noted a number of favorable economic signs for U S farms and fertilizer businesses

The principal factor in the fate of agriculture in any year is crop prices, and this factor is forecast to be exceedingly good, he said.

"Projections continue to point to highly favorable prices for farmer's crops in the current corp year," he added.

Corn prices are projected at $3 43 per bushel - 37 percent higher than a year ago

Soybeans are forecast at prices 26 percent higher; cotton 25 percent higher - and U S wheat, currently in ample supply, has been forecast as high as $4.05 per bushel average, a six-percent boost over 1979-80 farm averages, Jaquier indicated

All this leads to a projected net farm income increase of 14 percent by the end of the current harvest year - or a real dollar increase of four percent for American farmers, based on 1972 dollars, he observed

For the fertilizer industry, this points to a strong season, because, he noted, if projects hold, farmers will be planting up to nine million acres more of major cash crops than they did one year ago. Those same crops account for at least 82 percent of total U S fertilizer use.

Based on this scenario, Jaquier indicated he expects U.S. nitrogen fertilizer consumption to increase by at least three percent and phosphate fertilizer use by about six percent by June 30, 1981.

' The outlook isn't all roses," he was quick to point out

Factors which could depress or counteract favorable signs include high interest rate pressure for farm loans, a potentially "compressed" season for purchase and use of farm production items (such as fertilizers), international uncertainties for U.S agricultural export sales; and U S. economic instability, including the continuing pressure of costs in farm and fertilizer production alike

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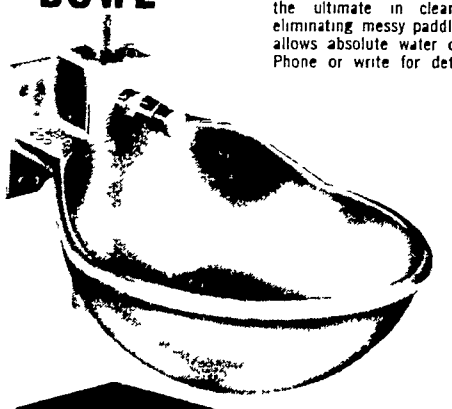

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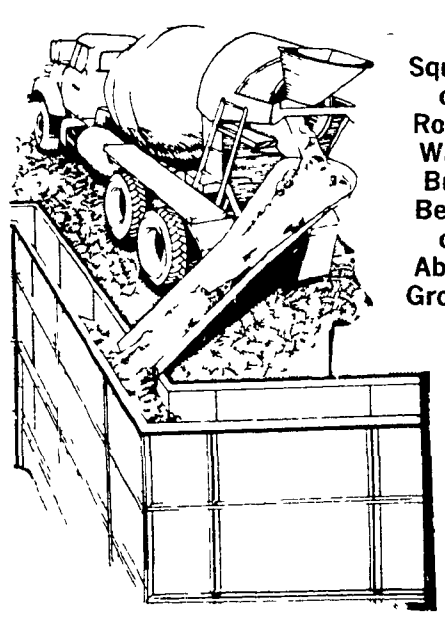

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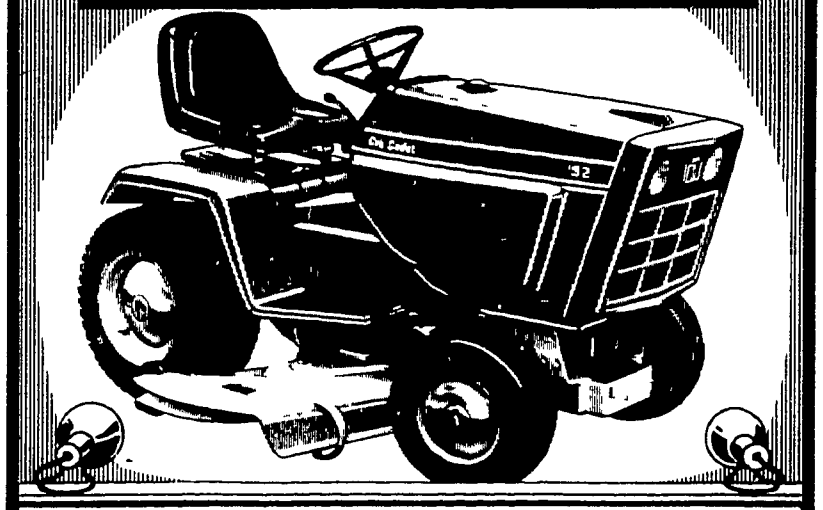

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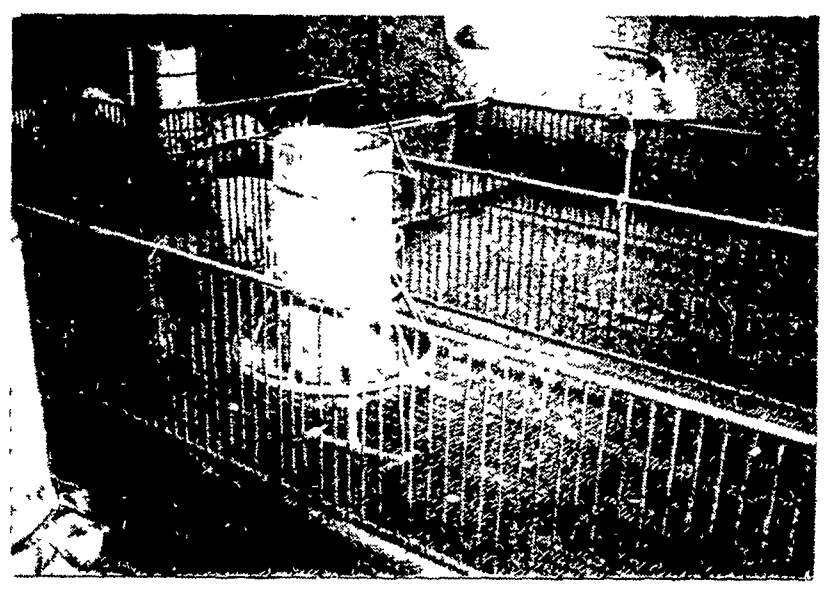

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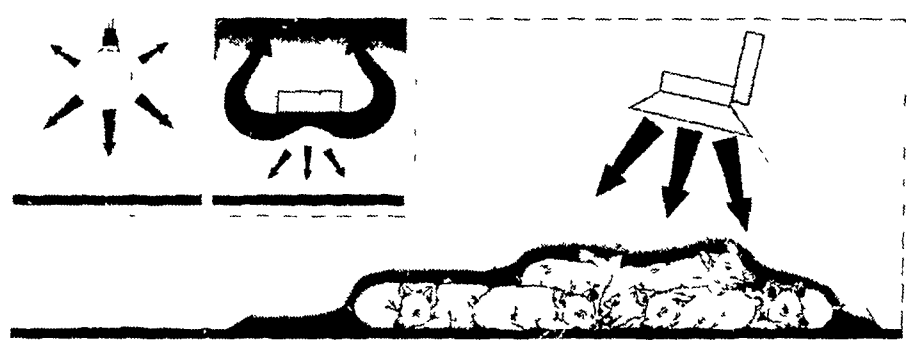

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OYF awards

(Continued from Page A1)

"You could say that we had some good freeze-dried hay."

As Engle admits, he doesn't make a practice of midwinter hay baling and in this instance, it turned out well due to favorable weather conditions

But it illustrates that farming practices can involve rolling with the punches and making the best of a situation as it may exist

Among Engle's more long-term and planned practices are such activities as his breeding program

A good bit of his breeding program centers around one of two bulls he keeps on the farm, located just off Rt. 441 northwest of Marietta

Total dairy stock includes a milking herd of 147, some 212 young stock, 20 Holstein steers and two bulls

The younger of the bulls is kept as a sire for the heifers and the older bull is in the midst of being proven

The older bull is Banner View Dale Jumbo 747, a maternal brother of Jemini He's now a six-year-old out of Jem by Elevation

Thus far, Engle has 42 heifers from Jumbo and he's been used in 13 other herds.

And the results are quite promising

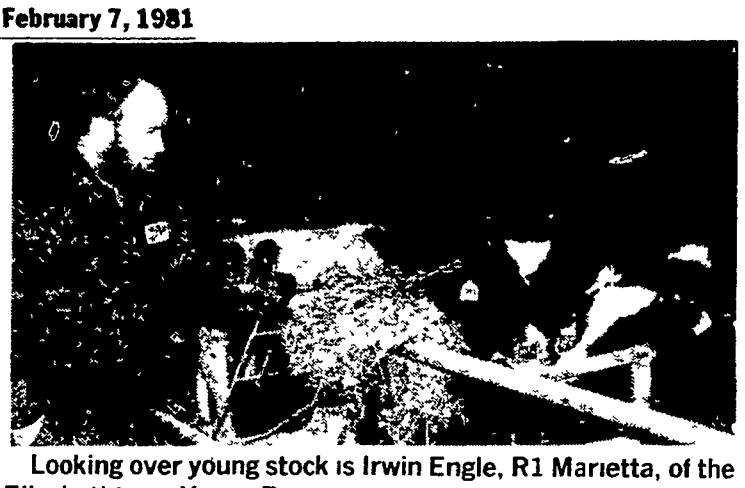
Jumbo was first used by Engle at a time when he had to rebuild his herd with quite a few cows he had to purchase

While these first dams were milking only in about the 10,000-lb. range, Jumbo's heifers are now producing in the 14,000 to 18,000-lb range.

His first two daughters following their first lactation have shown a herdsmate comparison of plus 5,070 lbs And with the projected production of the next four daughters included the comparison still shows a plus 3740 lbs

Jumbo is also looking favorable as a sire with some of his better producing cows

One of his daughters out of a fourth-calf dam producing some 18,000 lbs is already producing only 1600 lbs less in her first lactation



Looking over young stock is Irwin Engle, R1 Marietta, of the Elizabethtown Young Farmers.

Classified 86, Jumbo has an aAa analysis of 651423

"One of the best characteristics of Jumbo is the ease of calving," Engle explained

"His calves are smaller, usually about 85 to 90 pounds, and are very typy. We've had very little trouble in calving."

Other characteristics from Jumbo are a good conception rate, good rear udders and legs

Engle has utilized other bulls in his breeding program, but a good bit of his herd building is now based on the home-farm bull.

The Engle farm, which has been in the family for eight generations, covers 230 acres. In addition to primarily corn and alfalfa, about 28 acres of barley are grown Another 120 acres of tillable land are rented, along with 90 acres of pasture

Facilities include a large 90 X 184-foot free-stall barn, containing 164 stalls. Milking is done in 16 lever stalls

The groundwork has already been started for future expansion The milk house has a 3000-gallon tank and there's an area set aside for the possibility of a parlor in the future

Engle attributes a good bit of his selection as a regional Outstanding Young Farmer to the Elizabethtown Chapter advisor, Bill Erickson

Irwin Engle, who was named a regional Outstanding Young Farmer in the over-30 category, with his wife, Grace.

This marks the first year since the chapter was organized six years ago that Elizabethtown has competed in regional and state competition. And in the first attempt, top regional placings were taken in both the under and over 30-year categories

But, as in the case of Engle, this success was also due to good, basic farming practices – some of the more unusual variety and some of the planned, long-range type

Wivell named Outstanding Young Farmer

BY DEBBIE KOONTZ

COLUMBIA – When Joseph Wivell, Lancaster County Outstanding Young Farmer, was ten years old, his only birthday wish was to milk his father's herd of 28 Holstein cows by himself. The wish was granted and carried out

Now it's almost 20 years later and Joe is milking about 90 cows on the same farm But there is one difference now the R3 Columbia farm belongs to him and his wife Becky Thus Joe's second wish is completed

His third? Well it has been reached too Joe has been named an Outstanding Young Farmer both locally and regionally for his exceptional involvement in farming and its various organizations

Joe serves as chairman of the Insurance Committee for the Lancaster County Farmers' Association, director of the Lancaster County Holstein Club, and is a member of the Mt Joy Farmer's Co-op and the Elizabethtown Young Farmers

But farming at the Wivell homestead is a family affair Becky is a member of the president's cabinet, newsletter editor and chairman of the Women's Committee for the Lancaster County Farmers' Association Joe and Becky are both chairmen of the Advisory Council for the Association and members of the Mount Trinity Lutheran Church

Joe, who was also a 4-H member for nine years began farming on his own at age 20 After three years of working for his mom, Joe and Becky decided to buy the two-farm operation Today, seven years later, Joe farms 250 acres on these farms plus another farm he rents

"I enjoyed milking cows more than feeding, so I started helping my dad when I was only nine years old Now what I hope to do is become more diversified with my dairy cattle and possibly sell at consignment sales," Joe said I'd rather work right now at improving my herd average instead of making the herd larger I'm shooting for a goal of 8000 pounds of fat Last year we produced a million and a half pounds of milk, so we're pleased with that "

One attempt at improving herd average was to engage in super ovulating last May Joe says he hopes to produce homebred excellent cows and to market their off-spring

"The first calf was just born recently and it was a heifer, so we're pleased with the results so far," he said

The Wivells milk their cows with pipeline because "when you house them in tie stall barns, you can give them more personal attention," Becky explained

Joe farms with the help of what he calls, the best hired hand we've ever had here "He is Jay Brackbill, 17, and he boards with the Wivells

Joe and Becky, along with children, Niki, Janelle, and Jason, live in a farmhouse built in 1810 According to Joe the original part of the barn was built near the same time But since then they've added to the barn and just recently have finished adding a liquid manure system

Besides his 90 milking cows, Joe has 70 head of young cattle 'We are strictly dairy here because that's how we enjoy working,' he added

Joe has a herd classification of 2 excellent, 42 very good, 41 good plus and 12 good

As a regional winner, Joe is also a candidate for the title of State Outstanding Young Farmer to be announced February 10

Joe Wivell and hired hand Jay Brackbill finish working in the barn after milking the 90 registered Holstein cows.

Joseph Wivell, Outstanding Young Farmer, poses with wife Becky and son Jason Their other two children, Niki and Janelle were in school when the picture was taken

State officials meet to talk drought aid

HARRISBURG — Gov Dick Thornburgh Monday said he has sent two state officials to meet with representatives of the Federal Emergency Management Agency and four other states to discuss projected needs for assistance to the drought-stricken northeast and to explore options for federal assistance to cope with the current problem

FEMA officials from three federal regions encompassing drought-affected sections of New York, Pennsylvania, New Jersey, Delaware and Connecticut will be present at the meeting.

The governor said he hoped voluntary and local conservation measures now in effect will be sufficient to avoid the need to request a federal disaster area declaration, but that state officials are working closely with legislators from affected areas to keep abreast of the situation.

In a related action, Thornburgh said he has asked PEMA Executive Director Gen Dewitt Smith and DER Secretary Clifford L Jones to report to him personally as soon as possible on the effects of the drought in the most impacted communities in eastern and central Pennsylvania.

Thornburgh declared a drought emergency Nov. 19, 1980, in part or all of 50 eastern and central Pennsylvania counties in the Delaware, Susquehanna and Potomac River Basins.

A total of 79 water suppliers in the Commonwealth are experiencing critical water shortages More than 440,000 Pennsylvania residents are living in areas severely affected by the drought.

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Farm Calendar

Today, February 7

Ephrata Area Young Farmers 12th annual banquet, 6:45 p.m , Mt. Airy Fire Hale

Grassland FFA Chapter donkey basketball game, 7:30 p.m., Garden Spot High senior gym

Monday, February 9

Pennsylvania Young Farmers 21st annual convention, Hershey Lodge & Convention Center, continues tomorrow.

Hunterdon County Winter Crop Production meeting, 10 a m - 3:30 p.m , Extension Center, Flemington, N.J

Poultrymans Service Seminar, 6 30 p m , Holiday Inn North, Lancaster

Tuesday, February 10

Atlantic Breeders District 4 meeting, 7 p.m , Blue Ball Fire Hall

Small fruits workshop, 9 a.m , Fruit Research Lab, Biglerville, continues tomorrow

Beef cow-calf meeting, 7:30 p m , Adams County Extension Office

Delaware grain marketing workshop, 8.30 a.m.-3:30 p.m , Sheraton Inn, Dover

Holstein championship show exhibition, 1 p m , Troy Boro Hall, Troy.

Pennmarva annual meeting & Congressional reception, Washington, D.C.

Wednesday, February 11

Atlantic Breeders District meeting, 7 p.m., Felton Fire Hall

Elanco Adult Farmers cattle management meeting, 7 30 p.m., Union Grove School, Terre Hill.

Thursday, February 12

Lancaster Extension Association annual dinner meeting, 6:30 p m., Farm & Home Center.

Adams County Poultry Update, 7.30 p m , Vo-ag Room, Bermudian Springs High School.

Adams County vegetable growers meeting, 10 a m., Fruit Lab, Biglerville.

Tobacco producers meeting, 7:30 p m , Penn Manor High relocatable building.

Friday, February 13

Mastitis meeting, 9 a.m. - noon, for servicement, vets & electricians; 1-3 p.m. for dairymen

Montgomery County Dairy Day, 10.30 a.m , Heritage Restaurant, Franconia.

Garden Spot Young Farmers Assn., 6·45 p.m , Blue Ball Fire Hall

Dover Young Farmers annual banquet, 7 p m , Dover Fire Hall

Saturday, February 14

Tack auction & swap, South Annville Twp Community Bldg , starts at 1 30 p.m ; auction at 6.30 p.m.

Cumberland County Holstein Club annual meeting, 10:45 a m , Carriage Room, Allenbury, Boiling Springs

Now is the Time

(Continued from Page A10)

much of this sludge there could be a build-up of the heavy metal content in the soil and result in being toxic to plants Most chemical tests of the sludge will reveal the limitations per acre We encourage the use of sewage sludge as a farm fertilizer, as long as the land owner knows the limitations.

TO PLAN FOR SEEDING LEGUMES

It's not too soon to be making plans for seeding clover or alfalfa seeds in winter grain Many of our good stands have been obtained by making a split seeding broadcast into the winter wheat. One of these to be done in late February and the second one the early part of March. When we make these broadcast seedings in grain we count on the alternate freezing and thawing of the soil to work the small seeds into the topsoil This is the reason for broadcasting the seeds very early in the spring. Wheat is usually the best grain into which the seeding is to be made. Barley and Rye tend to get too much growth along with the greater danger of lodging and smothering out the small legume plants If the broadcast method is to be used, it should be done by the middle of March The use of the band-seeding method later in March might be a better way to establish a new legume stand

Feb. 20 deadline for tractor pull

HARRISBURG — February 20 is the deadline for entries in the second annual Pennsylvania State Championship Stock Farm Tractor Pull to be held in the Farm Show Complex large arena on March 5 and 6

The State Championship Pull will be held in conjunction with the Farm Equipment Expo, featuring more than 170 exhibits, on March 5-7

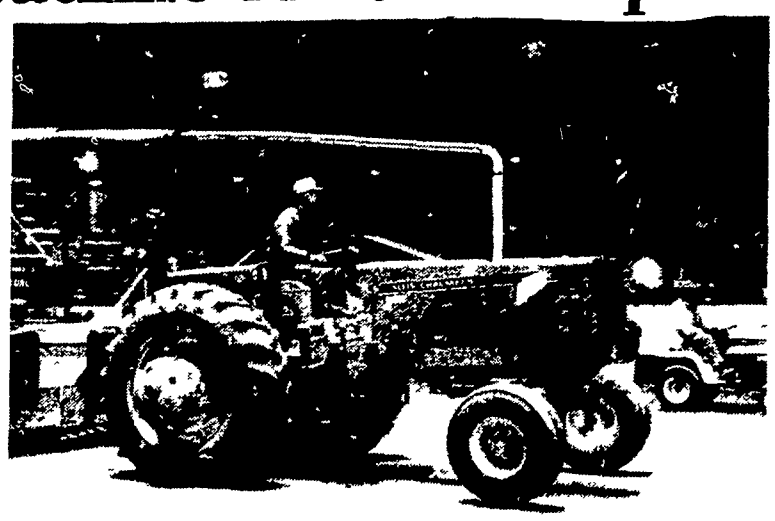
Persons interested in entering any of the classes of the pull competition should contact the Pennsylvania Tractor Pullers Association, P.O. Box 157, New Holland, Pa. 17557, or telephone (717) 354-8600

Entry fee is $15 per class and deadline is Feb. 20. Competition will be conducted under the rules of the PTPA's 1981 Stock Tractor requirements.

The tractor pulling schedule:

March 5 - 10 a.m., 5500-lb. class, 1 p.m., 9000-lb class; 4 p.m , 13,000-lb class; 7 p.m , finals among the top ten finishers in each of these classes.

March 6 - 10 a.m , 7500-lb. class; 1 p m., 11,000-lb class; 4 p.m , 15,000-lb class; 7 p.m., finals among the top ten finishers in each of these classes



Barry Ott, of R2 Bangor, will be pulling in the 9000 and 11,000-lb. stock classes in the Farm Show Complex large arena. Last year, he finished 10th in the 13,000-lb. class.

Competing in the 13,000 and 15,000-lb. classes of the State Championship Tractor Pull on March 5 and 6 will be Robert Kiefer, R4 Bangor. Last year, he finished seventh in the 13,000-lb. class.

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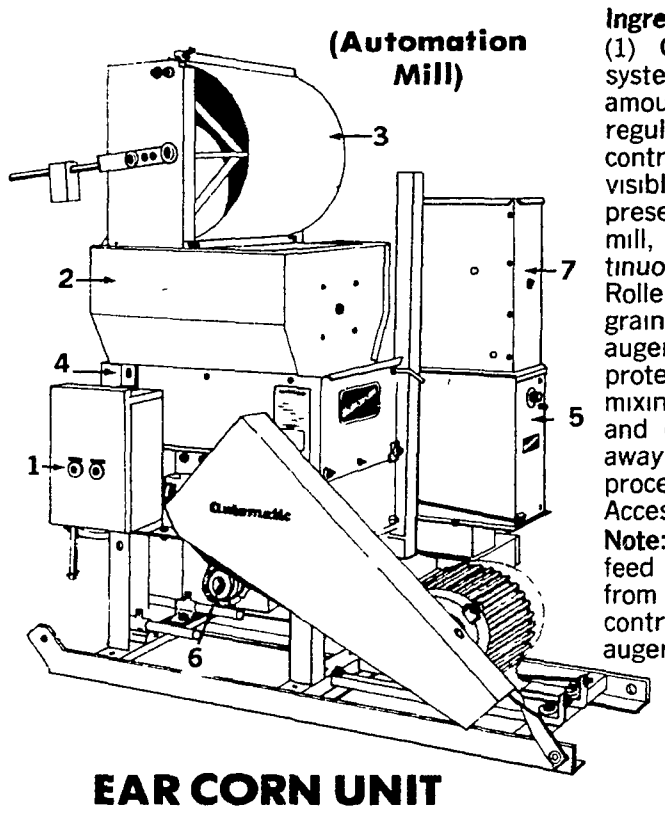

Process and blend 3 or more ingredients at one time!

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Note: The Automatic Dump Scale and feed metering units may be gravity fed from overhead bins or hoppers Flow-control switches are required if input augers are used in place of gravity flow

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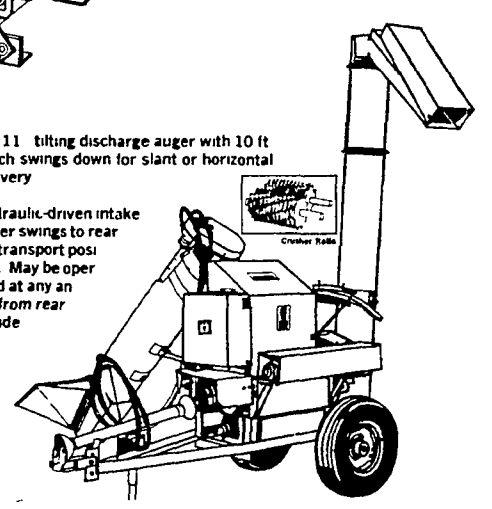
Automatic's ear corn unit handles wet, shucky and even frozen ear corn The crusher unit shreds the cob followed by rollers that crack the corn, producing a flaky, dust-free feed for greater digestibility The hydraulically driven intake auger swings to the rear for transport and may be operated at any angle from rear to side

Dust-free rolled grain is more palatable, easier to digest, eliminates wheezing and many digestive disorders.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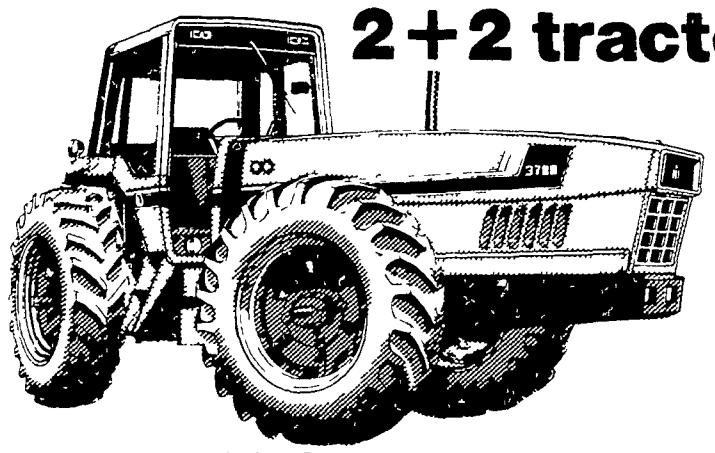

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- **3588 - 150 PTO HP**
- **3788 - 170 PTO HP**

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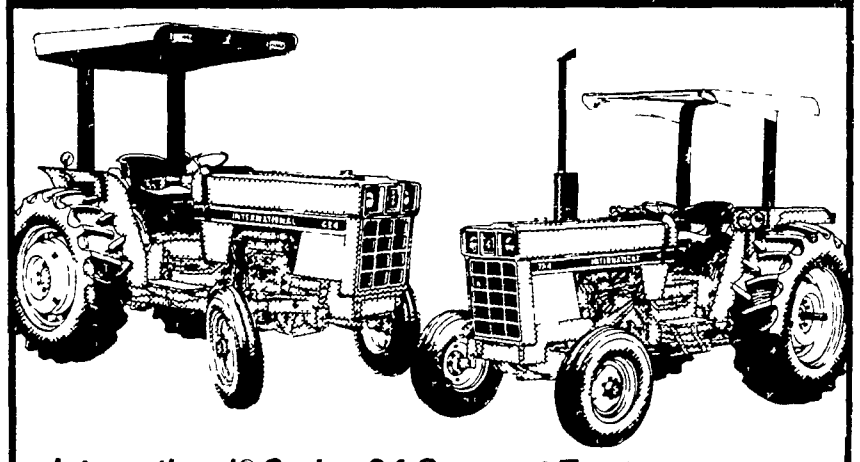

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Bucks County elects 4-H Fund officers

DOYLESTOWN — The Bucks County Extension Service announces the election of the following officers of the Bucks County 4-H Development Fund Committee President, Tina Barrows of Ottsville; Vice President, Tom Tomlinson of Newtown; Secretary, Nancy Hottle, Coopersburg; and Treasurer, Matt Haist, Ivyland

Barrows has been active in the 4-H program for nine years, having serving as Organizational Leader of the Ottsville 4-H Club for seven years. Her past project involvement has been in Indoor and Outdoor Gardening, Design with Texture, Cake Decorating and other associated crafts.

She has served on the Regional Advisory and Review Committee, and has participated in county, regional, state and national 4-H events as a speaker and program coordinator

The other community activities Mrs. Barrows is involved in include the Doylestown Nature Club as Vice President and a tour guide at Fonthill She presently serves on the Executive Committee of the Extension Service and is active with their WEFS group, responsible for their annual scholarship award

Tomlinson, a sophomore majoring in ornamental horticulture and landscaping at Delaware Valley College, is president of the college band and has been a member of the Wrightstown 4-H Club for eight years, being president from 1979-80.

He then became 4-H County Council President and received the coveted Clover Award and "I Dare You" Award, given annually to the outstanding county member

He has participated in all leadership projects, given demonstrations and speeches on county and state levels and been a member of the third place team in State 4-H competition on vegetable judging.

Hottle, leader of the Spurs N' Burrs 4-H Horse and pony Club for 9 years, has served on the Advisory and Review Committee and as Upper Bucks Representative for 4-H and has been active in the county program in many functions, as a resource person, project coordinator and judge i dog obedience, rabbit production, cavies and small pets.

She has served as coach of the County 4-H horse bowl team, which in 1980 won first place in regional and state and seventh in national competition.

Mrs. Hottle is a member of the Cooks Creek Watershed Association, and secretary of the Springfield Township Lioness Club

Haist, leader of the Richboro Community Club of 4-H, has been in that capacity for 14 years, being responsible for overseeing the largest 4-H Club in the county. He has been a member of the Extension Executive Committee for 26 years and a director for 30 years of the Philadelphia Vegetable Growers' Ass'n and received the prestigious Master Farmer of Pennsylvania award in 1979.

Other members of the Bucks County 4-H Development Fund Committee and their term of office are. Herman Bishop, Fountainville, Tom Dickson, Chris Dickson and Don Dickson, Richboro; Jennifer Montgomery, Buckingham, one year; Virginia Haist, Ivyland and Walter Wurster, Ottsville, two years; Toni Hoelper, Newtown and Eugenia Howes, Newtown, three years.

Garden Spot Young Farmers to meet

BLUE BALL — The Garden Spot Young Farmer Association will hold its annual banquet this coming Friday, February 13.

The dinner meeting will begin at 6 45 p m. at the Blue Ball Fire Hall

In addition to the usual dinner and awards, this year there will be a special program on deer.

Mike Ondik, Penn State University's deer specialist, will give a talk on the white-tailed deer in Pennsylvania.

All friends and memebers of the Garden Spot Young Farmer group are invited to attend.

For further information, contact Ray Geissinger, R2 New Holland; or Adult Farmer Instructor Donald Robinson at 215/445-5041.

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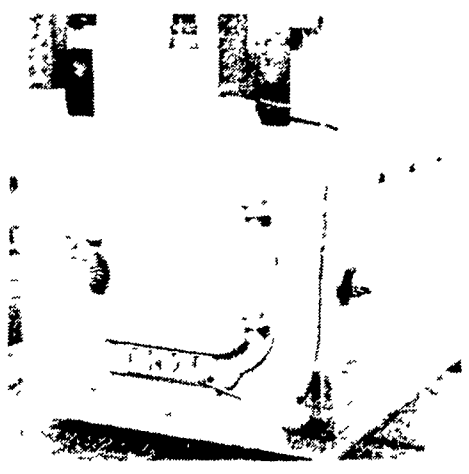

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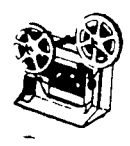

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★ DOOR PRIZES! ★

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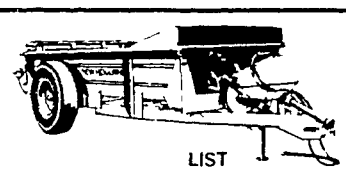

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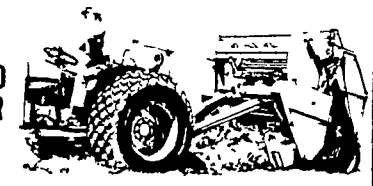

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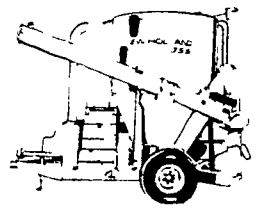

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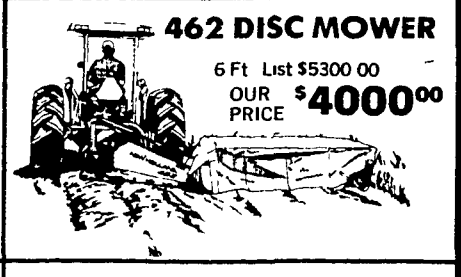

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8	9	10	11	12	13	14
15	16	17	18	19	20	21
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WEDNESDAY, FEB. 18
7:00 P.M. - 9:00 P.M.

DOWN TIME COSTS $
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WILL PRESENT SOME GOOD IDEAS TO HELP YOU CUT COSTS.
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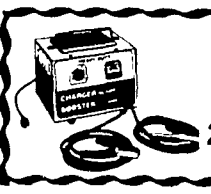

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Some Parts - Compressors- Heaters - Washers - Pumps - Generators - Chargers - Gloves and Toys do not qualify for the above discounts because they are marked down **OVER 20%!**

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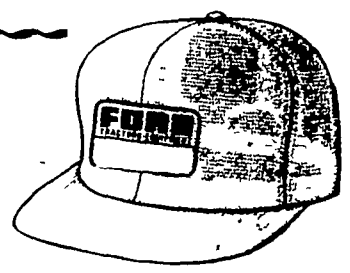

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Lancaster Ford Tractor has just purchased a computerized-digital timing device for diesel engines - It has proven to be the most exact way to time any diesel engine.

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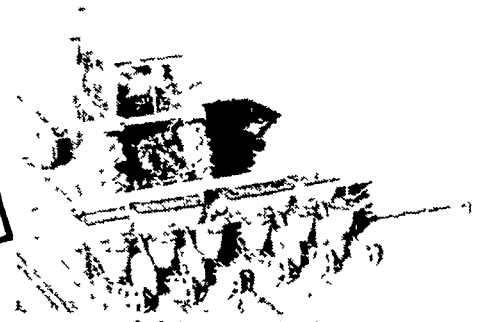

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Land grant school

(Continued from Page A1)

providing quality graduates in education, law, and dentistry

The University currently has about 1100 students. It began in 1854 as Ashmun Institute. The name was changed to Lincoln University in 1966 In 1972, the institution attained state-related status.

Black land grant colleges in neighboring states are operated both in Maryland, at University of Maryland Eastern Shore, and in Delaware at Delaware State.

Some concern has been expressed that Lincoln University, should it be given land grant status, would be in competition for ag funding now given Penn State's College of Agriculture.

But sources at the neighboring land grant schools say there is minimal competition for funding

At Maryland, for example, UMES is seen as one of the University of Maryland's campuses and is administered through the University of Maryland

The situation is Delaware is somewhat different

There is coordination in research and in the ag experiment station Federal funding, as at other schools, is adminsitered by the Cooperative Research Division of USDA.

In addition, there is a program to review projects to prevent duplication or overlap on formula money.

Competitive grants are another story

As at Maryland, competitive grants are not run through a committee at Delaware, so there can be some rivalry on similar projects.

In Pennsylvania, any such conflict probably would be in the home economics area

But as Delaware's Associate Dean William J. Benton noted, "There is no reason to spend money on the same thing. So Delaware and Delaware State try to complement one another rather than compete "

There is no indication Lincoln and Penn State would follow either the Maryland or the Delaware format Indeed, there are almost as many systems of handling the 1862 and 1890 land grant schools as there states with both types of institution

Branson said he sees no reason for rivalry

"As far as we know, Penn State is our friend, mentor, and aide," Branson said "I understand they are neutral about the pending legislation "

Branson said the bottom line for Pennsylvanians would be millions of dollars flowing into the state over a period of years to provide better research and education for its citizens.

Branson also said Lincoln will be at an advantage starting off fresh with its land grant funding

Because the school is not tied into long term agreements or continuing programs which should be eliminated, Lincoln can begin its own programs aimed at current and future problems and needs

"One bad thing about an aging institution is its continuing programs," Branson maintained "We are rethinking our position We can get in fresh "

The new land grant funded programs may provide attractive alternatives to major university programs, resulting in a slowdown of the skimming drain on Lincoln and other black schools in the nation, which are struggling to maintain a good image in the black community and to increase their academic standards

It also will mean a second land grant university for Pennsylvania

Young Farmers elect officers

BERMUDIAN SPRINGS — Members of the Bermudian Springs Young Farmers Association recently elected officers Elected as president is Daniel Leer, a dairyman in R1 York Springs, vice-president, Lester Millar, a livestock farmer in R4, Gettysburg; secretary, Lester Miller, a poultry and livestock farmer in R2, New Oxford; re-elected as treasurer, Charles Klinger, a dairy farmer in R2, New Oxford and Director of public relations, Edwin Shearer, a dairyman in R2, Dillsburg.

The election took place following a Milk Marketing Workshop.

The group consists of adults engaged in farming and agribusiness who are interested in being up to date with modern agricultural knowledge and technolog

The Pennsylvania Young Farmer Convention is scheduled in Hershey on Feb 9 & 10, 1981 The function of this event is to have members of all chapters gather to determine adult young farmer education policy, coordinate state activities and contests, attend planned technical agriculture seminars, visit agricultural business displays and to share ideas with one another.

The next scheduled meeting will feature Poultry Technology Update on February 12, 1981 in the vocational agriculture classroom at the Bermudian Springs High School beginning at 7 30 p m.

Why we have black land grant schools

OXFORD — Pennsylvania may be in line for its second land grant school

Why two, when Penn State is one of the larger and finer colleges of agriculture in the nation? Where did black land grant schools get started? Will Lincoln University, proposed to be the second school in Pennsylvania with land grant status, battle with Penn State for research funding?

The bottom line is money and any land grant school is eligible for a great deal of federal funds

Lincoln University probably will receive $750,000 a year in federal revenue if it is declared a land grant school

Lincoln University is a black school, established in 1854 as Ashmun Institute It shares with other black universities the problem of "skimming," or seeing its best prospective students and teachers skimmed off by bigger schools, like Penn State, which can offer more in scholarships, programs, and incentives Financial considerations are the base of the problem and may be part of the remedy

A look at how the land grant system evolved may help explain the situation. In 1862, eight years after Ashmun Institute was founded, the Morrill Act was passed

The Morrill Act set aside land to be used or sold to get money for states to put up universities These grants of land from the federal government gave the schools their names

Penn State University is the land grant school in Pennsylvania Most other states also set up a state college under the Morrill Act

In 1877 federal legislation was passed which set up agricultural experiment stations in each state

Then, in 1890, Congress passed a second land grant school act While primarily aimed at black schools in the south, it can apply to any black university such as Lincoln University.

The 1890 land grant act was passed six years before the "separate but equal" ruling of 1896, so had nothing to do with that

By 1914 the U S Congress realized a wealth of information was being compiled by both the 1862 and 1890 land grant institutions, but none of it was getting out to the public

The Smith-Lever act established the cooperative extension service to do the job of bring research data to the farm and general public

At the same time there was established an extension service in the black 1890 institutions After desegregation, the two extension services were brought together

The term "cooperative" in the extension name refers to funding partly from USDA money, partly from state funds, and partly from local county budgets

Experiment stations were funded from USDA and the state Other parts of the University budgets come from state funding

At present there are 13 black land grant institutions, plus Tuskeegee Institute

But of all the states, Pennsylvania ranks dead last in its support to its colleges, whether land grant, state, black or white

Although Lincoln University became a part of the state school system in 1972, its new status did not mean great riches And financial pressures mounted A five cent boost in heating oil prices earlier this week means $300 a day more in costs to heat classroom buildings at Lincoln

And so, the scramble for funds continues Land grand school status, under the 1890 Act, could give Lincoln some continuing and substantial financial support — the expected $750,000 represents about one-fifteenth of the University's total operating budget

If the money is available to black schools, Lincoln University sees no reason why it shouldn't grab for it.—CH

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M
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PUBLIC AUCTION
ANTIQUES
FURNITURE; GAS ENGINES; TOOLS
SATURDAY, FEBRUARY 14
at 10 A M.
Held for your comfort in the Kempton Community Center Bldg., Kempton, Berks Co., Pa.
Oak hall rack, round oak ped ext table, oak chairs, wdn high chairs, set 4 deco arrowback plank chairs, deco plank rockers, child's deco rockers, clocks, dz clocks inc . Gingerbreaad, OG, Mantle, Westminster Chime, German Cuckoo, oak rocker, umbrella stand, clothes tree, victrola, wdn. wall cabinets, sleigh bells, camelback trunk, piano stool, water bench, 5 antique gas engines inc New Holland 2 hp, Hercules 2 hp, Fuller Johnson 2 hp, Stover 2 hp, Economy 1 hp, 10 broad axes inc Stipe & Beatty, planes, adzes, draw knives, brass tire pumps, butcher tools, coffee grinder, tinware, oil lites; pic frames, Roseville, 3 sets Shirley Temple bowls, cups, creamers, depr glass, ironstone, cake stands, compotes & other patt glass, Ruby cup, RR pocket watch, old birth cert lot old postcards, old school desks, plus many items too numerous to mention
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OBI PRESSES, POWER PRESS BRAKES
AIR COMPRESSORS, WELDERS, LIFT TRUCKS, FIREPLACE SETS, TOOLS & ACCESSORIES, PLANT, OFFICE & HANDLING EQUIPMENT
TUESDAY, FEB. 17, 1981 - 10 A.M.
ON PREMISES
HARDESTY-QUITTNER, INC.
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COMPRISING IN PART
PRESSES, BRAKES, MACHINERY
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(3) Worthington 5 HP & 30 HP Air Compressors (2) Vickers Hydraulic Pump & Tank Units P & H Wirematic 200 Welder Chemetron Wire Welder (2) Alphil & Taylor Winfield Spot Welders 18 Throat (4) Dayton A O Smith Systematic Welders (2) Chemetron & P & H Wire Feeders Welding Tables Blakeslee 3 Stage Degreaser Paint Spraying & Drying System w/740 Chain Type Overhead Conveyor Line Metal Strip Treatment Line w/Polishers Degreaser & Drying Unit (4) Tumbling & Vibrating Churns (7) Hammond Gardner Etc Dual 12 Wheel Polishers/Grinders
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(2) Stone & Ampak Skin Packing Machines W Automatic Feed Tables (3) Datsun 2700# & 3000# Cap Propane Forklift Trucks (2) Crescent 2000# Cap Electric Stackers Wright 2 Ton & Budgit 1 Ton Cap Chain Hoist (876) Tier Rack Pallet Stacking Frames W/Pallets 700 Motorized Roller Belt Conveyor 30 Wide Fairbanks 2000# Cap Platform Scale Flat Trucks Hard & Barrel Trucks Hydraulic Pallet Jacks & Lift Trucks (44) Sections Metal Shelving Lockers Wood & Metal Desks File Cabinets Chairs Tables Time & Wall Clocks IBM & Olivetti Electric Typewriters Calculators Kodak Readyprint Copier Xerox 660i Copier Uarco Model 1745 Forms Burster Asst Hand & Power Tools Etc
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(1060) Rolls Lions Brand Wire Netting 14½ 32 36 & 38 Wide x 150 Long (17 715 Lbs) Flat Steel Steel Rod Brass & Steel Tubing Copper Wire Etc (171 101 Lbs , Black & Brass Plated Steel Plates & Coils 025 to 031 3 4 to 9 Glass Marble Bases & Handles Large Quan of Brass & Steel Fasteners Comprising Screws Nuts Studs Washers Carriage & Machine Bolts Etc
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INSPECTION MONDAY FEB 16 1981 9 A M to 4 P M
TERMS CASH OR CERTIFIED CHECK 25% DEPOSIT REQ
3 PARCELS REAL ESTATE
PARCEL #1 Approx 82 170 Sq Ft Brick & Concrete Block Building 1 Floor 2 Level Railroad Siding (14) Loading Docks & Overhead Doors (9 Power Operated) (2) Power Operated Traveling Overhead Cranes 2000 Lb Cap Combination Gas & Oil Fired Furnace (16) Gas Fired Heating Units Office Space & Large Parking Area
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Dairy, livestock meetings to be held March 2

UNIVERSITY PARK — Dairy and livestock producers may discover the advancements and opportunities that exist for animal agriculture in the 80's by attending Dairy and Livestock Day at Penn State University, March 2, 1981.

Sponsored by the Department of Dairy and Animal Science, this one-day symposium in the J. Orvis Keller Conference Center features two nationally prominent authorities on production livestock and engery--Robert H Rumler and Rodney O. Martin These men head a list of experts presenting the latest research findings in the dairy, beef, swine and sheep categories.

Rumler, Executive Chairman of the Holstein Association of America will discuss the "Challenges and Opportunities in Animal Agriculture in the 80's.

Martin, Director of Farm Systems Research and Development for Agway, Inc , will present "Alternative Energy Sources and Energy Conservation in the 80's."

"Marketing Pennsylvania Beef in the 80's," "Grazing Studies with Dairy Animals," "Sheep/Forage Research for Small Farms" and "Artificial Insemination in Swine" are just a few of the many topics offered.

In addition to these informative sessions, the Dairy and Livestock Day offers producers, researchers and extension specialists a chance to interact.

Beginning at 9 a.m. with registration, the symposium is expected to adjourn at 3:30 p.m. To cover registration and instructional material costs, registrants are required to pay $7 per person or $10 for husband and wife or two persons from the same operation. Registration cost for 4-H or FFA students is $3.

To attend the Annual Cattlemen's Banquet held at 7 p.m , an additional registration fee of $12 per person by February 26 is required. For advanced registration and additional information, interested parties can write to. Agri Conference Coordinator, 410 J.O. Keller Conference Center, University Park, PA 16802, 814/865-9547.

Dairymen to hold stray voltage meeting

LANCASTER — Dairymen are invited to attend a meeting on Mastitis Control and stray voltage at 1 p m. on Friday, February 13 at the Lancaster Farm and Home Center.

The session is being conducted by the Lancaster County Extension Service. Penn State dairy specialists will lead the discussion.

Glenn Shirk, Lancaster County extension dairy agent, emphasizes the meeting should be of particular interest to dairymen who are experiencing high cell counts and who have frequent mastitis flare-ups. It should also be of interest to dairymen who think they may be plagued with stray voltage problems.

Stray voltage problems have popped up in many areas of the county. Where it is a problem, cows may fail to respond normally to mastitis treatments.

They may be reluctant to enter the parlor, drink water or consume feed.

Cows may appear to be "on edge", stepping around or kicking at the milker, and failing to let their milk down normally. Cell counts may also be running higher than usual.

PUBLIC SALE

Strasburg Fire Company
Seventh Annual Sale
SATURDAY, FEBRUARY 28
9:00 A.M.
West Main St., Strasburg, Pa.
HORSES — MULES — HEIFERS
FARM MACHINERY — HAY — STRAW
TOOLS — HOUSEHOLD ITEMS — ANTIQUES

New 9' spring harrow, Vicon CM240 disc mower with 7½' cut - used 2 seasons, New Smucker-built semi-liquid manure spreader, Allis-Chalmers & Wisconsin engines rebuilt by Smucker Welding Shop, 2,3,4,5,6 horse trees, auto turn carts, round hay racks, 404 New Holland hay crusher with fore truck and AC motor mount - excellent condition, Hack-buggy spring wagon combination spring wagon — AND MUCH MORE.

TRUCKLOAD OF FRESH FRUIT DIRECT FROM FLORIDA
FRESH OYSTERS - STEAK FISH - SHRIMP
TRUCKLOAD OF NEW TOOLS

6 month old bull - sired by Lawerest Marvey Dam 5 year old record - 20,600 - 3.9%, 4 bred heifers, 3 due March - 1 due July, 1 yearling heifer sired by Elevation Son. 1 TENT OF DRIVING HORSES - WORK HORSES - MULES

1975 CHEVROLET VAN
1 TON - 30 SERIES - V8 - P.S.
ONE OWNER

Toyota Long-Bed Pick-Up Cap - 6 month old 100cc Indian Motorcycle, four 16 5 tires, gasoline generator, like new 4" wood jointer, firewood by pickup load.

1-8x12 & 1-8x10 Utility Shed, Dog Boxes, Fireplace insert, old Milk Cans, Wheelbarrows, Window Air Conditioner

BUILDING SUPPLIES
New & Used

6 trusses - 42' tip to tip w/4/12 pitch, 13-4' o c 33 tip to tip w/4/12 pitch, oak flooring, 2x8 tongue and groove flooring, 3½ x 16 fiberglass insulation, variable pitch gable louvres, Wheeling channel-drain galvanized roofing, paneling trim, 6 & 9 lite barn sash, sliding door tracks & closet rods of various sizes, metal & asphalt roofing, new doors & windows, new vinyl siding with foam backer, 2" alum siding, nails, latex house paint, joint cement - 5 lb & 25 lb and much more

New Hardware - Corner irons, brass & chrome butt hinges, strap & claw hinges, ornamental hinges, tee hinges, masonry nails, door hinges & pulls for cabinets, sliding door latches, paneling nails - AND MUCH MORE

NEW LAZY BOY RECLINER

Trundle dining table w/4 high-back chairs, 7' book shelf, 22 cu ft. upright freezer, bed, variety of T V 's, gas stove, waterfall blanket chest, coffee table, portable bar - excellent condition plus many more large & small items too numerous to mention.

COUSIN WITH DRY GOODS

QUILTS - Wedding Ring, Texas Star, Tumbling Block - and many other hand made quilts & crafts.

ITEMS SOLD ON CONSIGNMENT
DONATED ITEMS APPRECIATED

Other merchandise will be accepted until 10 00 P.M. Friday, February 27, 1981
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And Local Auctioneers

THATCH MEADOW COMPLETE DISPERSAL

Located just off Rt. 6 at East Troy, Pa. Watch for auction arrows off Rt. 6 by Warner Co. Case Dealer.

Due to a heart operation, we have decided to discontinue our farming operation and will sell the following on.

SATURDAY, FEBRUARY 21
at 10 A.M. Sharp
Blizzard Date: Feb. 28
70 - Registered & High Grade Holsteins- 70
59 Reg. & Hi-Grades

Herd consists of 45 mature cows, 10 bred hfrs , 6 yrls., 9 calves. 7 cows fresh Aug , 3 Sept. & Oct., 10 Nov., 4 Dec., 2 Jan., 3 due Feb., balance in all stages of lactation Preg ex., interstate tested, shot for shipping fever. Charts day of sale.

Some sale features:

Several nice daus of a Bootmaker son from the Mattock's herd, easily the nicest cows in the herd Including

Kris - a nice 4 yr old fresh in Nov. and just bred to New-Hopes. Sells with her last calf by an Elevation son.

Nancy - a sr 3 yr old fresh in Dec just bred to an Elevation son Sells with 2 daus by an Elevation son Also selling is her full sister and a maternal sis by a Bootmaker son

Also several good grades selling. Nice group of hfrs. and calves - all well raised and out of an Elevation son from a Lucky dam. Several of the older ones bred AI.

Machinery

A C diesel tractor w/loader & wide front, only 1280 hrs., nice; Oliver 1555 gas tractor w/hydro power & wide front, only 2054 hrs , nice, Case tractor w/loader, 2 M Farmalls, 1/live PTO; AC chopper w/1 row corn & pickup heads, 4 yrs old, used very little; J.D #34 chopper w/1 row corn & pickup heads, N H #271 baler w/thrower; Gehl #440 - 9' haybine; Badger 16' self unloading box, 2 heater w/heavy duty running gear & flotation tires, nice; 2 Lamco 14' self unloading boxes, 1 w/flotation tires; 2 wagons w/16' kicker racks, 2 yrs old, 2 #323 New Idea 1 row corn pickers, good, Gehl #120 grinder mixer, 4 yrs old, good; A.C. #600 4 row no till corn planter, good; J D. 18 disk grain drill, only drilled 200 acres, nice; I.H.C. 13 disk grain drill; Brillion 10 pt. chisel plows, 3 yrs. old, Brillion 12' cultipacker, A.C. 14' disk, 3 yrs old; 2-225 bu. McCurdy gravity grain boxes w/heavy duty running gears & flotation tires, New Idea manure spreader; J.D. 4 bottom 16" semi mount plows; J D. 12' disk, 12' spring tooth harrows; 14' spring tooth harrows, 200 gal sprayer w/plastic tank; 34' Smoker elev. w/motor; I H C #40 table blower; Vicon spreader, N H. 56 side rake, Little Giant elev w/motor, like new; N H hay crusher; 7' 3 pt. blade; '39 Dodge car; 20' length 2" pipe; Homelite pump; 50 calf on hog round troughs; hay feeder, chicken feeders; Western saddle & tack; hyd. cyls.; concrete blocks; 3 heavy duty work benches, 50' endless belt; water tanks; cow clippers, dehorners, fogger; forks; shovels; wheel barrows; log chains; cables, Sears 7 H.P. lawn mower, Mini bike and many other small items.

Sale Mgr. Note:

Reserve this date for one of Bradford Co largest dispersals. You will find a good herd of cattle carrying a 4% test at plant. A large line of like new & well cared for machinery. The reason for such a large line of machinery, Mr. Dombroski had a good line of machinery before he purchased this farm with stock & equip.

Selling order small items 10:00 sharp, large machinery at 10:45, cattle at approx. 1:00. Be on time. Sale will start promptly. See you Sat., Feb. 21.

This 260 acre farm for sale

Nice home, barn w/cement block basement & laminated rafter roof, 50 tie stalls for cows, 15 hfr. stalls & box stalls, 18 by 55 silo, bulk tank; barn cleaner, tool shed, corn cribs, large pond & springs; 200 acres tillable, nice long fields can be made into a show place. Just off hard road close to 2 parks 4 miles from Troy. Very good producing farm. Hay & silage in barn stay w/farm, possession early spring. You must see to appreciate. Partial financing available to approved party Contact owner after 8 P.M. at 717-297-3160

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COMPLETE DAIRY HERD & MACHINERY DISPERSAL

SATURDAY, FEBRUARY 14
11:00 A.M
Bath, NY

Sale to be held at the farm known as the former Ellsworth Roe farm. Located! on Stewart Rd. off Campbell Creek Rd. Follow auction pointers from Rt. 415. Approximately 2 miles North of Bath or 3 miles S. of Kanona. Near expressway underpass.

Discontinuing farming, selling full line of like new machinery & the right kind of cows

41 Interstate Tested Mature Holsteins. Herd consists of 39 grade animals and 2 registered. 8 strictly fresh in January. 24 fresh or due in February and March 4 due in May, balance fresh last fall and bred back Both registered animals handle calves and are out of an Ivanhoe son. This is an entirely young herd of sappy individuals All cattle blood and TB tested and innoculated against shipping fever Necessary cows pregnancy checked. All ready for immediate interstate shipment. A fancy little herd of stanchion barn cows.

Machinery - Nice Hesston 4500 hydraulic kicker baler with acid treat attachment, Hesston PT-10 haybine, 2 Lamco kicker bodies on gear, 1979 Hesston model 7020 forage harvester with 1 row corn & hay pickup heads, 2 NI 2 beater F.U. wagons on gear with flotation tires, both like new, NI short hopper blower with approximately 25' pipe, like new; good NH 518 spreader, Allied 60' mow conveyor, Allied Skeleton bale elevator, National 3-16" mounted plow with extra bottom, Case 13' transport disc, 12' harrow, Oliver 4-16 semi-mount plow for parts, older NI hay rake, PTO feeder, D.B. 1200 diesel tractor, needs motor job; Farmall H with good rubber, etc., needs work; good set of 18.4x30 snap on duals.

GIRTON 625 MODERN BULK TANK WITH AUTO. WASH, ETC.-EXCELLENT! Older DeLaval vacuum pump, 3 Surge milker units, 2 S.S carrying pails, dumping station with 50' hose. No small items.

Sale starts on machinery. Cows under tent at noon. Lunch Available. Trucking arranged

Terms - Cash or good check sale day, I.D. required. Nothing to be removed until settled for.

Good clean machinery & cows in the right location We will love to see you on Valentine's Day in Bath

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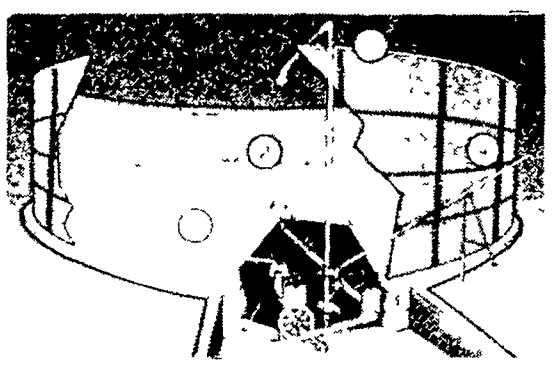
Now store manure for months.

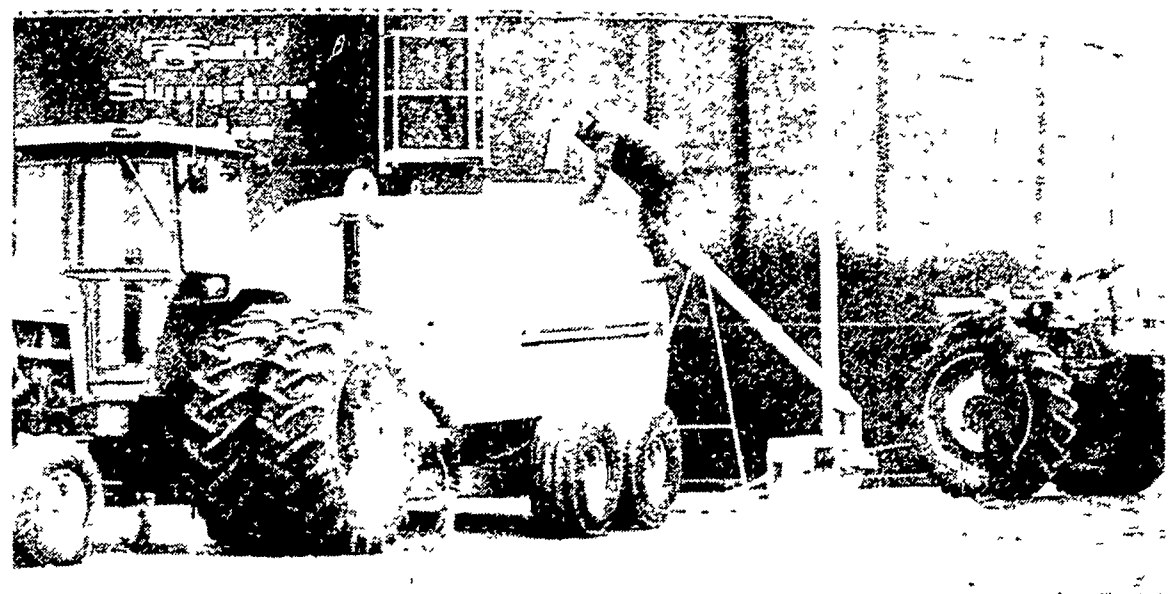
Then haul and apply it when you're ready and the weather is right. You save labor and time. Your workload is easier. You have more time to manage your dairy operation...more time for you and your family.

Make best use of natural plant foods in manure.

A Slurrystore® system retains up to 95% of the N in manure when it's injected under the soil. You save big dollars in N, P and K. And with all-time high fertilizer costs, it's no wonder dairymen everywhere are investing in a Slurrystore system.



After manure is transferred from collection pit to structure, (1) slurry is drawn out of the structure through a 12-inch pipe attached to the side-mounted pump. It may then be (2) pumped into the center agitator, (3) pumped to the over-the-top agitation unit, or (4) moved to the fill pipe for loading into a spreader for injection or broadcasting after a uniform mixture is achieved.



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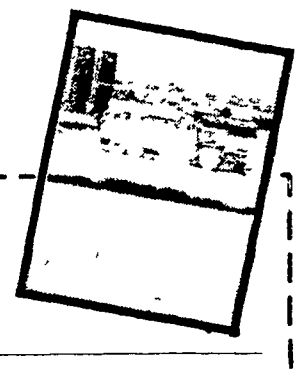

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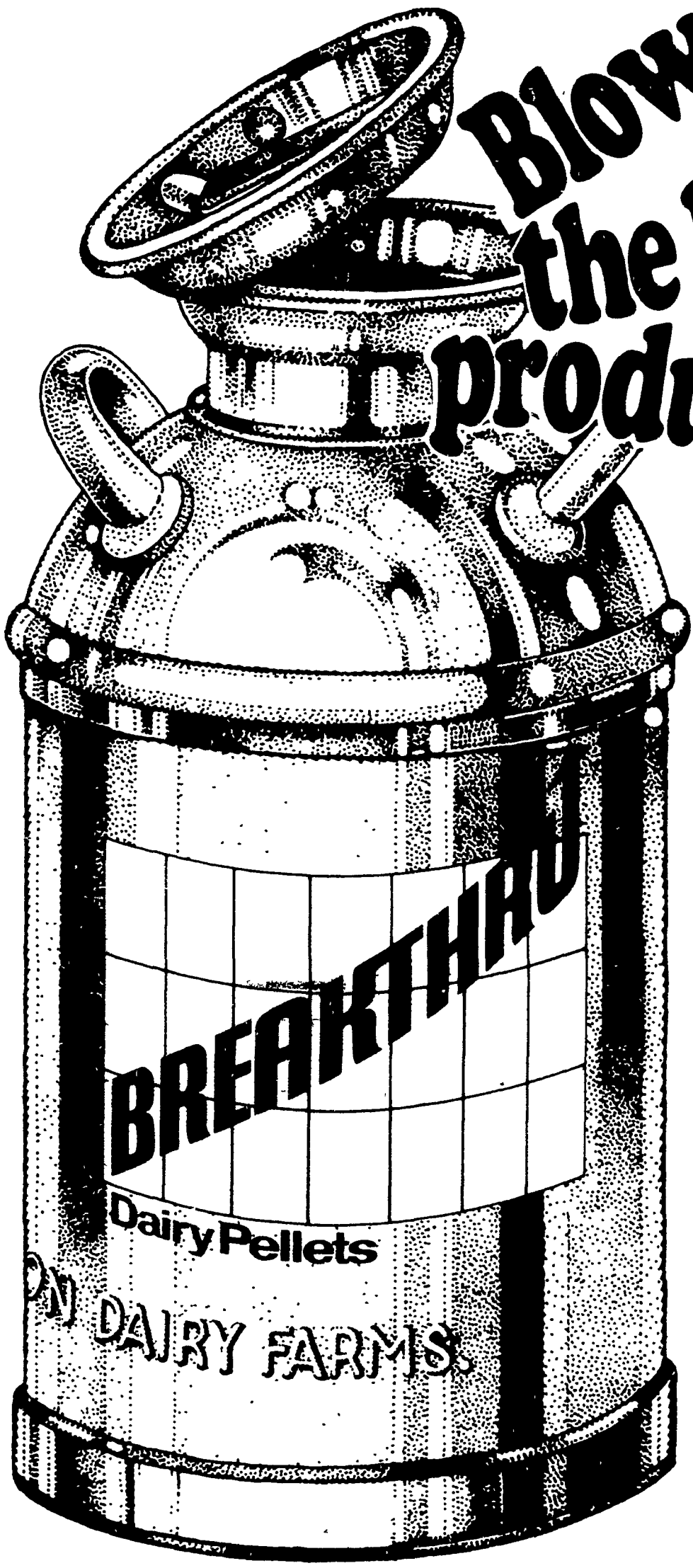

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America's sweet tooth is switching to corn

LITITZ — America s ' corn farmers will be required to help the nation reduce foreign energy imports by 20 percent in a decade

That's a pretty tall order and it sounds like a gasohol saleman's wildest dream, doesn't it?

But it's already happened

It took place very quietly from 1970 and 1980 and, if it hadn't, we'd already be paying some incredible prices at the supermarket, in the diner, at the vending machine, and in just about any place where we eat or drink.

The energy source, of course, is sugar and sweeteners and a happy combination of increased use of corn for sweeteners and a sensible reduction in refined sugar use by Americans has brought this remarkable, and little known, economic miracle about.

In 1970, the average American consumed 101 pounds of sugar sweeteners refined cane and beet sugar. Of that 101 pounds, 45.5 pounds came from imported cane sugar

In 1980, it is estimated that Americans consumed 87.2 pounds of refined sugar from sugar cane and sugar beets with 37.8 pounds coming from imported cane sugar.

But there has been a big switch in total sweetener use utilizing non-refined sweeteners. corn syrups – high fructose and glucose – and dextrose.

In 1970, the average American – even if he or she didn't know what it was – consumed seven-tenths of a pound of high fructose, 14 pounds of glucose and 4.6 pounds of dextrose, for a total of 19.3 pounds of corn derived sweeteners.

In 1980, the average American consumed 18.9 pounds of high fructose, 18 4 pounds of glucose and 3 8 pounds of dextrose for a total of 41.4 pounds of corn derived sweeteners.

So, we used 21.8 more pounds of corn products and 7.7 pounds less of imported sugar

And, according to all indications, corn produce use as sweeteners, primarily high fructose, is expected to keep on increasing in the future. The major boost coming due to the fact that soda makers are switching to high fructose as fast as they can.

The boom in the use of corn products for sweeteners is such that in 1980 some 500,000 bushels of corn, or about eight percent of the total crop, was used for this purpose

Ice-damaged trees need immediate care

LIMA — Ice storms can do considerable tree damage Should one hit this winter knowing what to do and how to do it will mean the difference between saving your favorite tree or chopping it up for firewood.

Greatest storm injury is likely to occur on the faster growing trees These include poplars, maples, willows, black locust, and Chinese and Siberian elms Stronger species are oak, sycamore, and honeylocust

If you're faced with the job of straightening a toppled tree or mending the wounds of broken or split branches James J McKeehen, Delaware County Extension Agriculture Agent suggests the following first-aid treatment. Remove all broken branches Do all cutting with sharp tools You may need saws, knives, and wood chisels.

Make cuts either at a good side branch or nearly flush with the mother branch. This avoids leaving "dead end" stubs. Make smooth, fast-draining wound surfaces

Remove splintered, rough, or loose wood from all parts of any wound with a wood chisel or sharp knife. Trim off all bark not solidly attached to the wood

Use a sharp knife, exposing uninjured bark on all edges of the wound.

After the wood has thawed, lift, straighten, and support trees, shrubs, or evergreen trees with wire encased in a hose wherever it touches the bark. Supports should remain a full season Cover exposed roots with soil and mulch with leaves or straw.

Adams to hold beef meeting

GETTYSBURG — Beef cow-calf producers will have an opportunity to hear Lester Burdette, Penn State extension livestock specialist speak on "Feeding and Managing the Cow Herd" on Tuesday, February 10 at 7 30 p.m at the Adams County Extension Office, 999 Lincoln Way West, Gettysburg.

The meeting is sponsored by the extension office and the Adams County Beef Producers Association The public is invited

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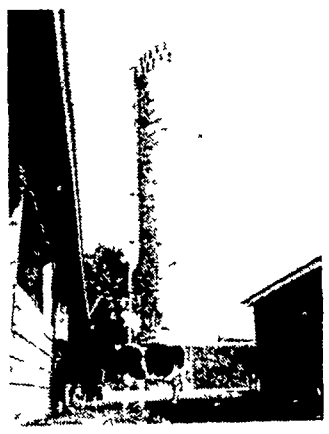
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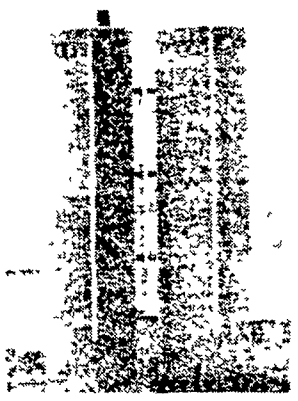
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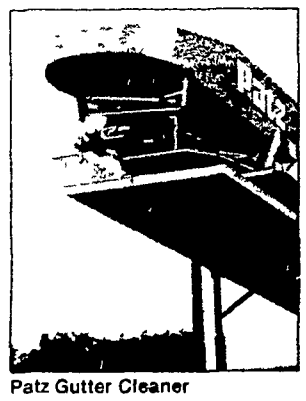
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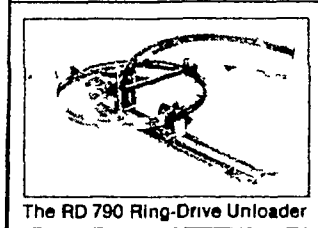
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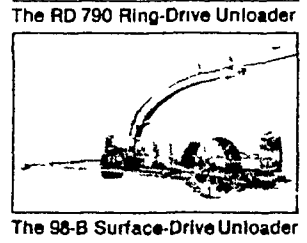
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Struggling with livestock problems

The rasslin' Secretary of Agriculture meets the rasslin' bear during the Eastern Sports and Outdoor Show. Penrose Hallowell, right, may be used to dealing with tough livestock problems, but Victor the Bear took a bit more involvement than the usual bureaucratic run of things. Victor will be back at the Show today through February 15. Will Hallowell?

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Raspberry selection depends on location

UNIVERSITY PARK — Selection of raspberry varieties to grow in Pennsylvania, like most fruit depends on where you live, says Roland Daniels, associate professor of horticulture at Penn State.

He described the variety selection process during the annual meeting of the Pennsylvania Vegetable Growers Association recently in Hershey.

Raspberries require tolerance to hot summers as well as cold winters, he pointed out. The southeastern part of the state, for example, is a problem area for red raspberries due to high temperatures. Black raspberries are best suited to southeastern counties, he claimed.

"Research has shown that red raspberry plants lose water faster than any other small fruit. Thus, it's understandable that red raspberries may be harder to get through hot summers than through cold winters," he stated.

And he said the ridge and valley region which sweeps from the southcentral counties into the northeast is suited to all three kinds — red, purple, and black raspberries.

The Allegheny plateau, further west, is best suited for all three types. Finally, the Erie County area, especially along Lake Erie, is equally suited to all three.

Daniels called attention to varieties considered standards by commercial growers in Pennsylvania. Among red raspberries he listed Heritage Hilton, Latham, Newburgh, Reveille, Sentinel, and Taylor.

The standard commercial varieties among black raspberries, he said, are Allen, Black Hawk, Bristol, Cumberland, and Logan Purple 'standards are Brandywine, Clyde, and Sodus.

Unusual winter conditions, of course, can cause crop failure. An example was a planting of Heritage raspberries that suffered severe winter injury at Penn State's Horticultural Research Farm in central Pennsylvania in 1977. During the same winter, the variety Reveille was undamaged.

And he suggested that the variety Heritage, although an everbearer, would be best used as a fall-bearing raspberry. As recommended. Heritage should be cut off or mowed at the ground after harvest.

Knowing the general vigor of a variety if equally important in selecting those to plant, he said The more vigorous the variety, the easier it is to establish.

"Hardy plants are capable of supporting the largest crops Sturdy plants compete best with weeds and are best able to resist diseases and infection," Dr. Daniels affirmed

The variety Reveille, it was noted grows to nearly six feet at Penn State's Horticultural Research Farm. Another vigorous cultivar in Fallgold, which develops an excellent bed of tall, stiff canes.

"The cheapest way to resist diseases and insects," he stated, "is to choose cultivars with disease and insect resistance — and to purchase disease-free stock."

In selling fresh raspberries, varieties that do best are bright colored rather than 'dusty" looking, he observed Amethyst, a new purple variety, has a more shiny appearance than other purple raspberries The "dusty" look of Reveille, an otherwise excellent red variety, detracts from its appearance.

The Penn State horticulturist described Fallgold, as, the sweetest fruit I've ever tasted." But he wonders whether fruit lovers are ready to buy yellow raspberries since "they're not accustomed to yellow berries "

Names sales rep

LANDISVILLE — J.C. Snavely & Sons, Inc. wishes to announce the appointment of John D. Leaman to sales representative for its complete line of building materials, pre-engineered building components, and associated products

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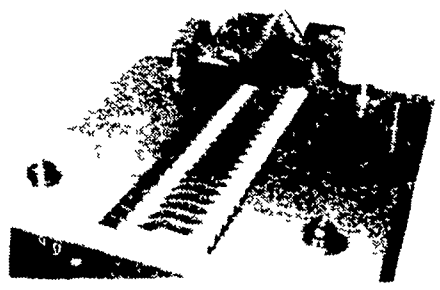

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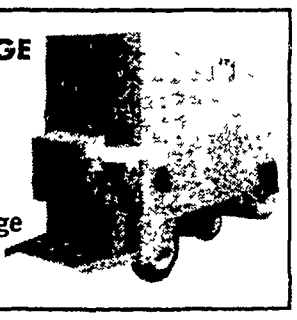

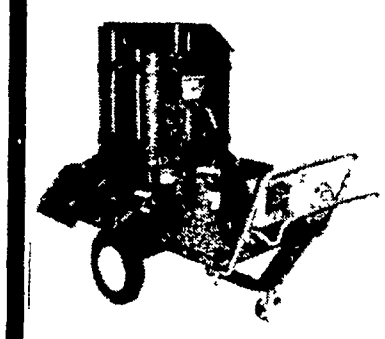

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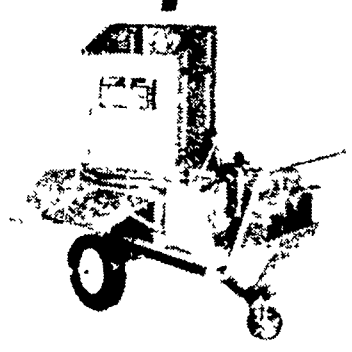

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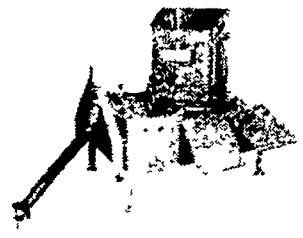

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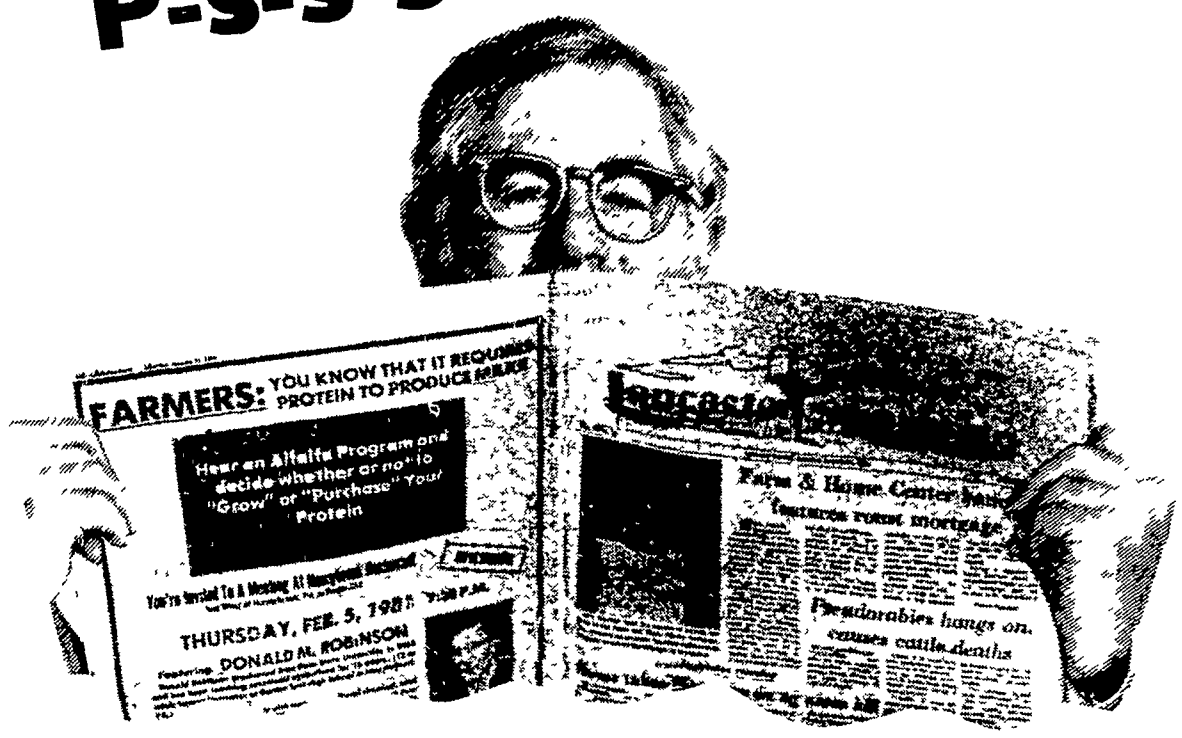
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Co-op Council voices concern over fuel decontrol

WASHINGTON, D C — The National Council of Farmer Cooperatives today voiced grave concern over President Reagan's sudden move to decontrol crude oil and petroleum products

Council President Keith D Naden said, "we are particularly worried about the impact of decontrol on farm fuel supplies"

Although fuel supplies appear adequate for spring planting, said the co-op leader, shortages could develop quickly if the Iran-Iraq war persists

"By terminating the Emergency Buy/Sell Program," he added, "the Administration has removed the only means of dealing with crude oil shortages in a timely fashion"

Naden indicated serious crude oil disparities are present now in the international market A nine-dollar range in crude oil prices remains unsolved, he declared, and co-ops are facing costs at the upper end of that range

'This means that American farmers are being forced to pay a disaproportionate share of higher fuel prices, and it threatens the viability of the rural petroleum system" Higher food prices ultimately result

Noting that cooperatives supply about 45 percent of all on-farm fuel, Naden urged the Administration to retain the Emergency Buy/Sell Program until it can be replaced by new legislation He also urged that the program be modified to deal with serious economic inequities

For the longer term, Naden urged adoption of a policy to maintain effective standby programs which ensure fuel supply for agriculture and provide timely access to crude oil at competitive prices for cooperatives and other efficient refiners

Naden pointed out the vulnerability of the co-op supply system to disruptions.

He recalled in the spring of 1979, when Iranian crude oil stopped flowing, co-op refiners were forced to run at 50 percent of capacity while the industry average was 85 percent

"Farmers were extremely fortunate to get their crops planted in the midst of sharp fuel shortages," he said, "and after some delays co-op refiners got additional crude oil under the Buy/Sell Program"

The co-op leader also noted that in 1980, co-ops experienced crude oil cost inequities approaching $400 million, with the burden falling on the farmer-owner

He said the federal government recently recognized this situation as a serious access problem in granting emergency relief under the Buy/Sell Program to co-ops and other independent refiners during December and January

Additionally, said Naden, Senate Energy Committee Chairman James A McClure indicated last week that new steps may be considered to protect farmers and refiners from immediate decontrol

Senator McClure, he said, was particularly concerned that consumers at the tail end of the petroleum supply system could face severe shortages.

Naden noted recent Department of Energy actions and statements by Hill energy leaders had led co-op refiners to believe that policymakers recognized the seriousness of farm energy supply needs and the importance of dealing with them

"The stark reality is that the cooperative petroleum is deteriorating because of the serious problems which it is experiencing," Naden asserted

"In view of these circumstances, we fail to understand the Administration's action Unfortunately, farmers, our U S food system, and ultimately consumers stand to lose if this gamelb fails"

Plant solid-seeded soybeans early

LANCASTER — Farmers planting narrow-row soybeans this season should first study the management skills necessary for a successful narrow row program, says Charles Laible

"For best performance, I would recommend earlier planting of solid seeded beans," he says 'Also, good seedbed preparation and a relatively accurate planting depth are necessary for good stand establishment and to prevent lodging."

Laible, a Funk Seeds breeder, says soybean seed size varies from variety to variety

"When you talk about planting pounds of seeds per acres, one variety may have 1800 seeds per pound and the next may have 3000 seeds. I think it's very important to plant seeds per acre, not pounds."

For 30-inch rows, Laible recommends planting about 10 seeds per foot of row, or 170,500 seeds per acre. Seven-inch rows should get three seeds per foot of row, or 225,500 seeds per acre

New data just released by Laible confirms the yield advantages of solid seeded or narrow-row beans Three years of research testing compared performance of soybeans in 30-inch rows, 7-inch rows, and bi-equidistant 4-inch by 4-inch plantings

"We saw an average yield increase of 10 percent in the 7-inch rows over the 30-inch rows," Laible reports. 'The 4-inch by 4-inch planting outyielded the 7-inch planting by another 10 to 20 percent.

"The data demonstrates a significant yield advantage in bi-quidistant soybean planting," he says, "but farmers are not able to implement this system with available equipment."

In his trials, a conventional plateless planter was used to plant the 30-inch rows, 7-inch rows were drilled, and the 4-inch bi-equidistant plantings were made by hand. This spring, however, the company hopes to have a specifically for 4-inch plantings to enhance their research capabilities and prove the system's potential

"The movement to narrow-row soybeans has been gaining momentum over the past several years," says Laible In areas where farmers have a good handle on weed control, with pre- and postemergency herbicides, I certainly expect to see more of them go to solid seeding It pays—in both yield performance and profit"

Close plantings mean higher plant populations Canopy closure occurs sooner, available sunlight is intercepted rather than allowed to be absorbed or reflected by the soil, and shade keeps weed problems down and lowers soil temperature significantly

'Some scientists say a soil temperature that is too high will slow down microbial nitrogen-fixing activity," says Dr Laible 'If you can keep the soil and roots cooler, the plants will perform better"

When choosing a variety of narrow-row planting, however, Laible cautions not all are suitable

There are certain varieties that do not respond to the solid seeding environment Regardless of management practices, some varieties will yield the same or less when planted in narrow rows as when planted in conventional row widths Williams, for example, will not perform better when solid seeded," he adds

Laible says all of his proprietary soybeans on the market perform well in narrow rows

'In addition, all of the material in our advance trials is tested under both conventional and narrow row widths This way we can identify specific varieties that respond well to solid seeding management"

Narrow-row planting saves fuel and harvest equipment wear and tear because the ridges formed by cultivation are eliminated However, costs must be added for herbicides, extra seed and the rent or purchase of a grain drill.

A significant reduction in soil erosion is also a benefit of the solid seeding system

'Even so," Laible stresses, 'with beans currently in the $8 bushel range, a modest increase in yield of three to six bushels an acre could mean a $25 to $50 per acre increases in income."

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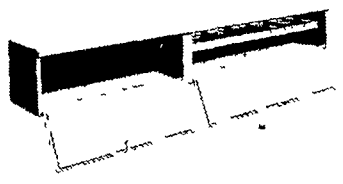

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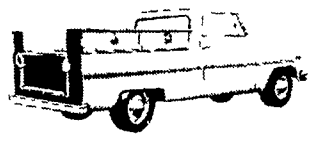

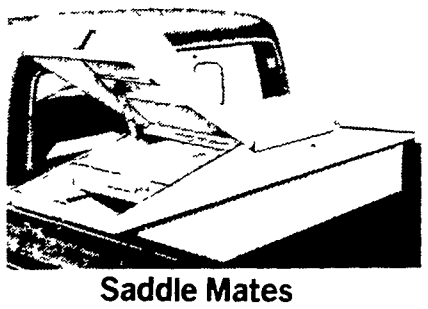

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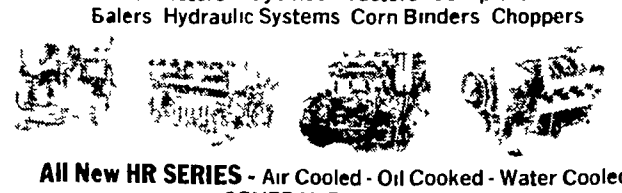

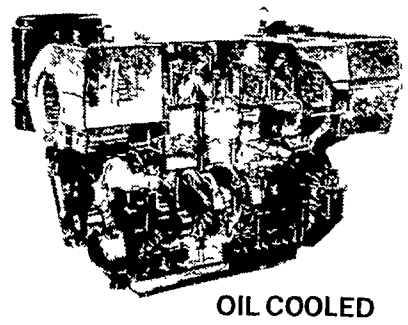

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For Sale Like new 20 8 x 38 tires & wheels & hubs 717 687 6360

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For Sale 25 ton galvanized bin with 6" unloading auger, '71 GMC pickup, 4 wheel drive, 4 speed, ¾ ton, 880 Oliver diesel, good condition 717 866 7565

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For Sale - 2 row cornhead for 180 Papec chopper Owatonna hopper blower 703-334-5877

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For Sale NH 707 forage harvest with corn & hay head, like new condition 717 626 0902

For Sale 2 windbreakers, fits 3020 JD, other fits 1130 MF 717 752 3825

For Sale Int 570 manure spreader, tandem axle, good shape 301 898-5244

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Wanted NI Elevator model 175, parts or one that's usable, 301-475 5157 between 5 & 9 p m

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For Sale GMC grain dump truck, 1956 MH manure spreader 3 pt hookup dump scraper Wagon hoist Turf tires pair of 18 4-26 & pair of 23 1 26 Oliver cab Heavy duty log splitter Ph after 5 P M 201 946-8840

1976 Int Model 966 Diesel tractor (100 H P 1696 Hours Mint), 1974 Portaway Tomato Harvestor To be sold in the Alfred S & Russel J Leone Auction Sale to be held on Thursday, February 26 at 10 00 A M in Monroeville, N J Full ad for this sale will appear in the February 21st issue of this paper Sickler & Scott Auct 609/629 5889

For Sale 4-row corn planter 717 432-3389

For Sale Used JD 11½' BW wheel disc 717-463 3270

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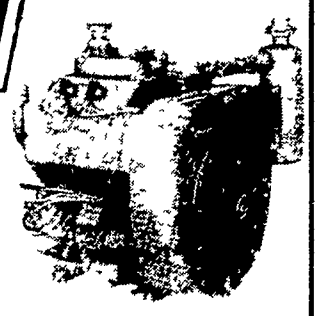

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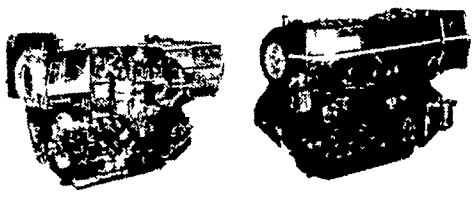

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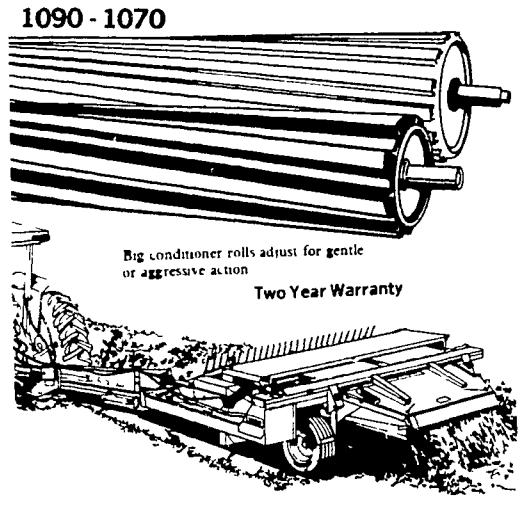

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NI cut conditioner, like new, cut 30 acres	2850
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AC D19 tractor.	3200
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JD 1240 plateless planter	1350
Brillion Cultivator Seeder	650
NI Cut-ditioner	1250
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Cat R4 crawler dozer with angling cable blade runs good $1600 Farmall H w/hyd & pulley $1250, David Bradley 12 hammermill $300 nice wood cattle rack for 8 Ford pickup $280 w/new nylon cover South Jersey 609 927 4564

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FARM EQUIPMENT

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Wanted Used wide front end in good cond for A C D 14 tractor 814 383 2627

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Late 10006 Deutz, in dependent power takeoff, main load control 20 8 38 tires 3210 hours $7000 215 267 5131

Wanted 1 JD 4 row corn planter for 3 pt hookup 215 ME5 2298

6 row IH cyclo air planter used 4 yrs excellent condition 215 593 5934

For Sale McCormick Deering corn planter McD #9 grass mower 6 cut JD KBA 24 disc har row JD riding cultivator Columbia snowmobile $275 LeRoy B Esh 717 768 3681

FARM EQUIPMENT

For Sale
1 Schutte Hammer Mill Model #1020 40 H P Motor S Howe Co Inc (New)
1 Vertical Mixer V 70 #113491 Factory #38205 5 H P Motor with floor hopper S Howe Inc (New)
8 Bohn Temp & Humidifier Units (New)
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For Sale Ag Gator model 1004 row crop liquid applictor 1000 gal S S tank and 50 ft hydraulic booms also Dodge 220 diesel truck with John Blue fertilizer and wet lime spreader 717 788 2865

For Sale Cornell barn cleaner with ap proximately 200 of chain Lancaster Co 717 626 5555

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For Sale Potato bulk body and truck 2 row high speed potato planter, auto seed cutter L B Farms, Rt 561 Blue Anchor NJ After 6 609 561 4412

For Sale Used MF 560 18 disc, good condition 717 247 7858

For Sale Massey Ferguson 510 combine gas 14 grain platform in very good condition, must sell Ph 717 637 9288 Adams Co

Wanted to Buy D17 AC tractor prefer series 4 814 685 3328

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FARM EQUIPMENT

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Oliver 1955 w/cab
Oliver 1800 diesel
Ford 5600 Dsl

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White 8600 diesel hydro cab & air
White 8700 diesel hydro cab & air

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Ford 246 10 Offset Disc Harrow
Ford 101 3 Btm Plow
Ford 142 4B Semi mtd Plow

PLANTERS
AC 500 4 Row
(2) ~~(3)~~ White 5400 4 Row

MISCELLANEOUS
NI 325 Corn Picker
Ford 5 Rotary Cutter
Iron Age 2 Row Potato Planter

STANLEY'S FARM SERVICE
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Oliver 343 3 pt no till corn planter $800 Oliver 543 4 row planter $2000 Athens 7 tooth chisel plow $950 all like new 717 626 4669

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1010 Bale Wagon
213 Spreader
208 Spreader
JD 1209 Haybine
Hesston 500 SP Haybine
(2) Taylorway Disc 10'5"
(1) Taylorway Disc
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3200 IH Skid Loader
York Blade
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438 Corn Head less att
238 NH Tam Gear 12 ton w/11Lx15 tires
1469 Haybine
L Combine, 2 heads 438-15'
425 NH Loader-Husker
479 Haybine
Myer Snow Plow
Volk Snow Plow
990 9' IH Haybine, 1 steel, 1 rubber, pull type
PT10 Hesston
Gehl 600 Chopper 3 heads 2-30, 2-38 pickup
IH 555 Chopper 38" head, 2 heads
469 Haybine
717 Chopper 1-row

GRUMELLI FARM SERVICE
Quarryville
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717-786-7318
ALLIS CHALMERS

FARM EQUIPMENT

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For Sale #6 IH coul till coulters with brackets complete like new 201 859 2720

Wanted Case agriculture diesel crawler model 310 350 or 450 Write Box number 366 L 135, Lancaster Farming, Lititz Pa 17543

JD 1640 12 hyd disc tandem wheels JD 1250 6 row plateless planter JD 17 disc grain drill Gehl CB 400 forage harvester, 2 row pickup elec snarpener, Ford 340 skid loader Raymond Pleskovic RD 3 Somerset PA

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford 8600 Dsl
(2) Ford 8000 Dsl
(3) Ford 5600 Dsl , low hours
Ford 4100 Dsl 800 hrs
Ford 1000 Dsl
Ford 860 Gas
(3) Ford 9N
JD B
Farmall Cub w/all attchs

EQUIPMENT
NH 890 Harvester
NH 33 Crop Chopper
NH 36 Crop Chopper
NH 512 Spreader
NH 327 Spreader
NI 200 bu Spreader w/endgate, sgl btr
NH 365 Tank Spreader
NI 200 bu sgl btr spreader
Good Selection New & Used Snowmobiles

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1980 Kubota tractor 4 WD 34 hp, diesel 10 gear transmission front end loader with bucket 2 speed PTO and 3 pt hitch, 57 hrs selling due to health 717 229 2602

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FKS 2
USED COMBINES
1977 LKS w/heads
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Deferal on combines, New & Used
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185
5050 FWD
5050
5030
5020
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AC 7000 w/cab
IH A w/loader
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JD 24T baler w/thrower
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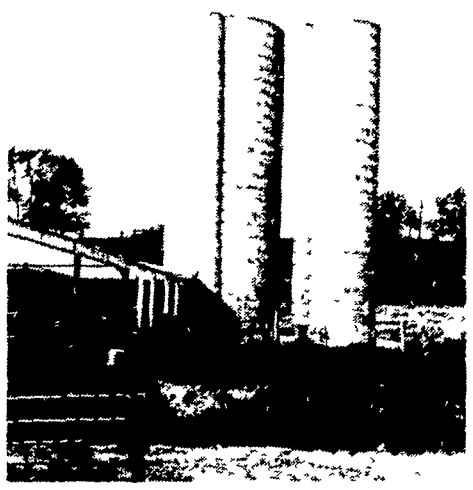

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With Scales & 5 H P Motor
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CAN FEED 18 AT THIS UNIT

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Ford 7700 like new, 600 hrs. $12,995
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Ford 4750
Ford 4000 as is $3995
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Ford 8N good shape $1795
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6000 GAL. AIR TANKS

300 lb test, a very good buy at $225 00
Also other tanks from 25 to 2500 gal
Air Systems installed
Also the new Non Electric Water Softeners

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Over 20 years experience with Ford tractors and equipment.
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NEW EQUIPMENT SPECIAL PRICE ON WHITE TRACTORS
2-135 20.8x38, Air
2-105 Demo, 20.8x38, Air
2-35
2-30 4 Wheel Drive
8700 Combine
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Fox 6354
Fox 3310
NI 708 Uni
NI 709 Uni
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Special Price On Artsway Dion Forage Wagons

USED EQUIPMENT
7600 Field Queen 700 hrs.
FQ Side Dump Wagon
Gehl Side Dump Wagon
Oliver 1850
Oliver 77
JD 2510 Gas, New Paint
Bush Hog 10' Offset Rotary
Brillion 9' Rotary
8C & 12C Hydromac Skid Loaders
IH 3200A Skid Loader
NI 705 Uni w/3R Harvester
White 5400 6R Planter
Oliver 5-16" Plow
Fox 3000 Harvester
JD 216 Fg. Wagon
NH 1012 Bale Wagon
NI 325 2RN Picker
NI 324 2RW Picker
NI 279 Cut/ditioner
NI 270 Cut/ditioner
Athens 10' Pull Type Chisel
SS9 Glencoe Soil Saver
NI 710 Combine
Fox Blower
Lely 18' Double Wheel Rake
Brillion 8R Hyd. Wing Cultivator
JD 8R Cultivator
JD 12' Cultimulcher
IH 28' Field Cultivator
NI 730 4-Row Head
NI 214 Spreader, Like New
NI 8 Ton Spreader
Hawk Bilt 2155 Roll Top
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Hesston Stack Hand 10
Short Block GM 478 for 705 Uni
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Cochranville, Pa.
215-593-2407

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Wanted International 185 planters 609 935 6659 after 5 p m

SAME Leyland Tractors NEW IDEA

FOR SALE
New Donahue implement cultivator 7x21 w/9.5L. tires $1400 SOLD
Leyland model 262 Demo 1978 w/300 hrs $7600
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RD 1 Jonestown, PA
717-865-4526

JOHN DEERE

(NEW)
JD 605
Spin Spreader

JD 4020 Tractor NF
JD 4020 Tractor WFE
JD 3010 Tractor
JD 2640 Tractor w/loader
JD 2010 Tractor
JD 1020 Tractor
JD 850 Tractor
IHC M Tractor
IHC Super C w/mower
IHC 185 Cub Low-Boy
JD 350 crawler w/blade
JD 1209 Mower Conditioner
JD 54 Manure Spreader
JD 237 Corn Picker
JD 227 Corn Picker
New JD 12 Row Folding Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 1440 No-Til Corn Planter
JD 494A Corn Planter
AC 4-Row No-Til Corn Planter
IH 51 Corn Planter w/Liq. Fert.
Brillion 16' Wingfold Spring Tooth Harrow
JD KBA Disc
JD RWA Disc
Athens Disc
JD 210 11'5" Disc
Brillion 12' Cultipacker on Transport
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
JD 224 Baler w/ejector
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
JD 894A Rake
NI 272 Cut/ditioner
NI 279 Cut/ditioner
JD F125 4B Plow
JD 145 6B Plow
JD 1450 5B Plow

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Oliver 88 tractor good condition new paint, $1100 NI pull type sickle mower, $80 One of a kind hand made tractor, V 4 Wisconsin air cooled engine, 3 speed forward & 1 reverse, $400 6' x 8' farm wagon, $60 25 6 locust posts, $2 ea 717 865 5694

case

Case 1830 & 1816 Uni loaders
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Case 420 crawler
Case 600 & 660 combine w/10 ft head & 402 corn head
Hesston 320 & PT10 windrowers
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Pumps sandy water, Industrial and Farm Waste Ideal for Hog Manure
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NEW IDEA
HESSTON

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List $4250
Special $3150

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NH model 790 manure spreader 360 bu with new hydraulic end gate excellent condition Free finance to April 1 1981
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JD 925 12' Roller Harrow
Lely Wheel Rake 3 pt hitch
JD 12' Spring Tooth Harrow
JD 30 Combine
JD 224 Baler, Excellent
NH 258 Rake
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after 6 P M

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PJ 3 Petter 30 hp w/starter
PJ 4 Petter 40 hp w/ starter & clutch
19 hp Witte w/starter clutch & alternator make offer
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336 Baler w/ejector
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1209 Mower Conditioner
2500 4B Hyd. Reset Plow
2500 5B Spring Reset Plow
1610 Chisel Plows
660 Rake
790 Flail Spreader
C81 Spin Spreader
40 Spreader
714 Chuck Wagon
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1075 Running Gear
1710 Mulch Tiller

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JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
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JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Bush Hog 146-302 Disc Harrows

USED EQUIPMENT
JD B
JD LA
JD 520
JD 720
JD 3010
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Ford Dextra (Diesel)
JD 55 Combine
JD 95 Combine
AC Cleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter

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MF 245 Tractor
MF 265 Tractor
MF 275 Tractor
MF 285 Tractor
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IHC 504 w/Plow

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IH 205
IH 915 w/2 heads
JD 215 Flex Head
JD 444 Corn Head

PLANTERS
(3) JD 4-Row 7000
MF 468 6 Row
IH 4R 400
Ford 4R 409
White 543

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IH 1190 Mower Conditioner
JD 1209 Mower Cond.
JD 24T Balers

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JD 1450 5x18 Plow
JD 345 5 Btm. Plow
Ford 10' Disc

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FOR SALE
USED TRACTORS & EQUIPMENT

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3, 4, 5, 6 bottom auto. reset plows
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AC HD & 652 dozers
MF 2500 fork lift

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Ford 4500
Bobcat 610 skid steer loader
New chop & bed bedding choppers in stock, 5 & 8 h p models
1975 Ford C600 truck w/22' Swartz tilt bed
New NH machinery at old prices
310 baler w/thrower
679 tandem manure spreader
472 7' haybine

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TRACTORS
AC 5040 diesel, 439 hrs., sharp
Farmall 806 diesel, w/front end, 3 pt, good
Farmall M w/front end
MF Super 90 diesel

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Arps 3 pt hitch Snowblower, $695
Glencoe 3 pt hitch chisel plow, 9 shank
Ford model 142 5-18" spring reset semi mt plow, very good

SPECIAL
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AC D17 series 4, 3 pt. w/ hyd. loader
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FARM EQUIPMENT

For Sale JD 2010 utility tractor, excellent condition 717 532 7054

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NEW TRACTORS

DX 90 Deutz Tractor 84 h p
D6807A Deutz Tractor FWD, 68 h p w/loader
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D4506 Deutz Tractor 45 h p

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Special prices
950 flail
3200 gallon w/injector

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NH SP 1469 Haybine
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NH 273 Baler w/wagon hitch & chute
37 IHC Baler w/thrower
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Gehl Grinder-Mixer
Hesston 310 SP Mower/Conditioner
Cunningham Hay Conditioner
JD 60 Hopper Blower
AC Hopper Blower
JD 44 Flatbed Spreader
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3 pt 6' Reversible Blade

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Pequea Tedders & Saws
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AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

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case

New Idea 324 Corn Picker w/327 Husking Unit, fully equipped $8,000 00 Less Tires

New 323 Corn Pickers

JOHN DEERE 4230 Tractor, fully equipped $22,500
(2) New Idea 213 Manure Spreaders in Excellent "like new" Condition
(1) New Idea 214 Manure Spreader in A-1 Condition
Plus other size spreaders in stock at Good Prices

C. & P. FULTZ EQUIPMENT
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Ask for Paul

Farmall 1206 806, 656 706, 544, 460, 856, 300, S A , M, C, Cub, 240 130 and more John Deere 5020, 4020, 4010 3010 3020 2510, 730 1020, 70 60 50 Oliver 1955, 1950 1850, 1800 1355, 2150 1650, 1250 Moline G1000, 670 705 445 5Star Ford 7000 9600 8000 9000, 6000, 5000, 4000, 800, 8N and more Case 1030, 930 830 800 & 1200 four wheel drive Allis Chalmers 190, 170, D19, D17, WD D14 and G with Loader MF 1080, 1130 180, 165, 50 Deutz 5006, 5505 9006, 10006 Loaders, Backhoes, Crawlers Tractors, Skid Loaders, Pay Loaders, Trenchers, Fork Lifts, Graders Stone Pickers, Rotovators Loader Buckets, 1,2,3,4,5,6,7 Bottom Plow Disc Harrows, Cultipackers, Chisel Plows, Cultimulchers, 2,4,6 Row Corn Planters, 2,4,6 row Cultivators, Roll over Plows, Grain Drills, Balers, Rakes, Tedders, Hay Bines, Rotary Mowers, Spreaders, Corn Shellers, Milk Tanks, Hundreds of Tractors and lots of equipment not listed

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Intersection of
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2090 ROPS Power shift
995 10' Chisel Plow (Demo)
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case

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AC 160 Tractor
JD 4020 Tractor
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
IHC 445 baler (like new)
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FBB Drill
JD FB Drill
JD 3800 Chopper
JD 110 Disk 13'
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
FORD - 230 Disk
IHC 510 drill
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JD 7000 8RN planter
Spring Tooth Harrows in Stock
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JD 7000 - 12 row N folding planter
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3,000 gal. liquid manure tank
1,500 gal vacuum tank
205 Bushel Manure Spreader
Forage Wagons
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Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
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Wanted for JD 1520 3 pt hitch parts Also need bucket for JD 48 loader 717 275 3/17

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NEW HOLLAND AND MUSTANG SKID LOADER OWNERS!

We need good used skid loaders for our rental fleet We will be giving premium trade allowances for NH or Mustang Skid Loaders on the following units
NH SOLD 5, L445Gas, L445D
NH L35, L775, L778
Mustang 320, 345

CORN PLANTERS

6-Row
AC 7000
JD 1 SOLD
4-Row
JD 7000
JD 1240
JD 494A
IHC 56
Oliver 540

You're Invited To Our OPEN HOUSE Fri , Feb 20th 8 A M to 9 P M

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Farmall 886 tractor, low hrs , enclosed cab, $15,500
Case 1830 Uni-loader, $5,500
Case W7-E 4 wheel drive loader, full cab, late model, low hrs , excellent for a large farmer, $16,500
AC E3 combine, 10' grain head, 3-row corn all attach., good condition, $8500

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5600 Ford w/loader, only 228 hrs.
800 Ford
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Farmall 656 hydro
IH 544 utility
360 Long
990 David Brown
MF 135 w/loader
3 cyl. Perkins gas engine, just rebuilt
IH 344 w/loader
Case 1737 skid loader
580 Case diesel backhoe
IH TD 6 crawler
D2 Cat crawler
AC D grader
New Woods 6 & 7' scraper blades
3 pt. mower & mid mount mower
Buy Your Mower Now and Save Money
Plows, cultivators, discs and other equipment to fit your farming needs

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WHITE - 2-85 Tractor
2-45 Tractor
2-35 Diesel

NEW IDEA-
213 Spreader w/Single Beater
214 Spreader w/Single Beater
243 Spreader

BRILLION-
12 ft Pullveriser

GEHL-
2600 Skid Steer Loader
4400 Skid Loader

USE EQUIPMENT
MF No 20 Tractor
Gehl Forage Wagon with Tandem Running Gear
Int 350 Harvester with 1 Row Cornhead and Hay Pickup Head
Oliver 3242 Mtd 3-Bot 14" Plow
Oliver 1850 Gas
White 5400 4-Row Cornplanter w/ Liquid Fertilizer
FB88 Gehl Forage Blower
Int 550 Spreader w/ Hyd. End Gate

★ OPEN HOUSE COMING March 2nd
★ DISCOUNT DAYS Feb 18 thru March 4th!

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10x24 20 ton presently certified, in service
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Replacement engines in stock for welders, pumps, generators, skid-steer loaders, haybines, balers, etc

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135-175-200 amp., New & Used

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JD 850
JD 950
JD 1050
JD 2640 w/Hi-Lo
JD 2940 w/4 WD
JD 4040 w/RG & QR
JD 4440 w/PS & SG

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JD 2600 6B Plows
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD 415 Rotary Hoe
JD RM4 cultivator
JD 1610 Chisel Plows

HAY TOOLS
JD 346W Baler
JD 1209 Mower Cond
JD 660, 670 Rakes
NH 474, 488, & 489 Haybines
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
Fahr 16' Tedder
H & H 18' & 21' Bale Bodies

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JD 643 Head
JD 6620 Combine
JD 7720 Combine
213 Flex Platform
215 Flex Platform

FORAGE EQUIPMENT
JD 3940 Fg Harvester
NH 782 w/822 Head
NH 8 Forage Box
NH 28 Blower

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 381, 392 Spreaders
NH 513, 519 & 679 Spreaders
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Century 200 gal Sprayer
DeLaval 3000 gal Spreader

SUPER SPECIAL
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JD 2440
JD 1530
JD 1010 with 1 row cultivator
JD 3020 gas
JD 4010
MF 265
MF 30 with loader
Long 550
Farmall M
Case 800
Case 900 - with belt pulley

Elmer H. Gockley
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John Deere design, dependability, and dealers make the difference

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New Tractors
JD 4440
JD 4040
JD 1050
JD 950
JD 850
JD 2240

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JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach

NEW FORAGE HARVESTERS

JD 3960 w/3 RC & hay pickup
JD 3940 w/2 RC & hay pickup
JD 5440 SP w/3 RC & hay pickup

USED CORN PLANTERS

JD 7000 6 RN plateless w/dry fert & insect atl
JD 1240 4 RN w/dry fert & insect att
AC 600 6 RN no till w/ liq fert insect & mont
AC 600 4 RN no till w/dry fert insect & mont

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JD 4240 quad w/ sound guard body, exc
JD 4520, SR w/year around cab
JD 4320, SR, WFE
JD 3020 diesel
JD 3020 gas
JD 2520 gas
JD 2840
JD 2640 HU diesel hi lo
JD 2440 HU diesel hi lo
JD 2630 HU diesel
JD 2030 RU diesel w/48 loader
JD 2010 gas RC
JD 720 diesel RC
IHC 656 diesel hydro exc
IHC Super C
Farmall A w/cult

MISCELLANEOUS USED EQUIPMENT

JD BWF 16 disc har row w/wings
JD BWF 14 disc har row
JD 400 grinder mixer

USED COMBINES

JD 7700 w/14' plat
JD 6600 w/443 4 RN corn head
Massey 300 w/cab & 13' platform, 3 RW head
708 NI power unit like new w/hydrostatic cab & air

NEW IDEA 206 GROUND DRIVE SPREADERS NOW IN STOCK FOR IMMEDIATE DELIVERY

USED SNOWMOBILE CLEARANCE SALE

	Make	Model	Was	Sale
1	JD	1973 400 w/elect start		$695
1	JD	1973 X8 440 w/elect start		$795
1	JD	1980 440CC Liquid Fire w/200 mi	$2650	$2495
1	JD	1977 440CC Liquid Fire	$1695	$1595
1	JD	1976 440CC Liquid Fire	$1450	$1350
2	JD	1979 339CC Spit Fire	$1250	$1095
1	JD	1976 340CC Cyclone	$1295	$1045
1	JD	1974 439CC 600 Electric Start	$950	$850
1	JD	1972 439CC 500 1050 mi	$650	$500
1	JD	1973 439CC 500 w/ electric start	$695	$575
1	Polaris	1976 TX340	$925	$825
1	Scorpion	1972 440CC Stinger III	$595	$450
1	Scorpion	1970 Mark III	$475	$375
1	Yamaha	1976 440		$995

Prices Reduced on all New JD snowmobiles

INTEREST WAIVED ON ALL NEW JD SNOWMOBILES UNTIL 12-1-81 WITH A DOWN PAYMENT

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Gutter Cleaners
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Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
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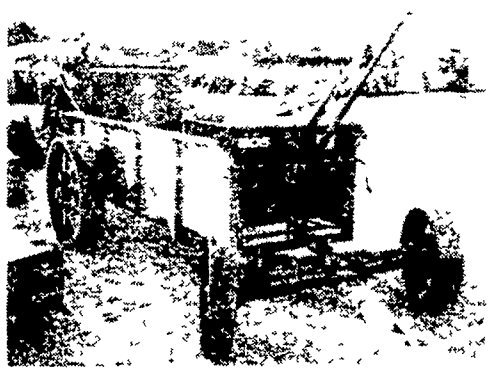
NOW AVAILABLE...206A!!

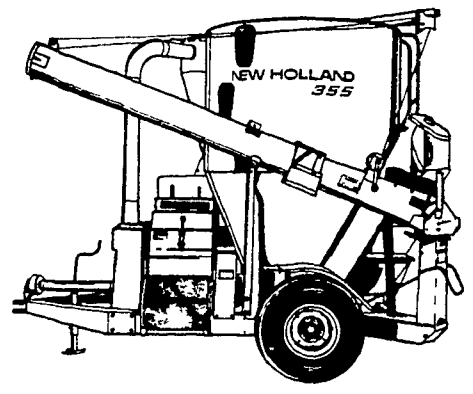


The 206A Spreader has new styling offering the following features...
— oscillating non-rigid front axle
— heavier front wheels
— longer wheel base
— shorter turning radius

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA.
Phone: 717-786-3521

The Time Is Right... The Price Is Right!!

New Equipment Special...
NEW MODEL 355 NEW HOLLAND GRINDER MIXER



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$5395

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4 - FMC 2 Row Sweet Corn Pickers complete with variety of parts
4 - Various sized 2 Wheel Dump Carts w/ large cylinders
1 - 1955 GMC 350 Snubnosed Truck w/ Meyers Blast Sprayer and 6 Cyl. Ford Industrial Engine
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4 - 15.5x38 on IH Rims
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All items are very reasonably priced to sell.

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WE HAVE YOUR LINE SHAFT NEEDS

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A large stock of
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10% OFF UNTIL APRIL 1st

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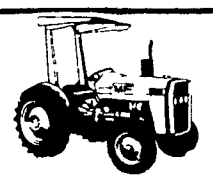

Massey Ferguson

TRACTORS & EQUIPMENT

JD 950 Tractor & Loader
Farmall H Tractor
IH 454 Dsl Tractor
IH Cub Tractor w/Mower
IH 2400 Dsl Tractor w/Loader
MF 204 Tractor w/Loader
MF 50 Tractor w/Cab & Loader
MF 35 Tractor
Ford 6000 Tractor
AC WD45 Tractor
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
MF 760 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Brillion LGS 144 Pulverizer
Brillion 12' field cultivator
NH 679 Spreader
NH 519 Manure Spreader
NH 510 Manure Spreader
IH #14 Rake
IHC 3414 Tractor w/Loader

NEW M.F. EQUIPMENT

(2) MF 2705 Tractor
MF 265 Demo Tractor
MF 255 Diesel Tractor
MF 245 Gas Tractor
MF 230 Diesel Tractor
MF 220 Tractor
MF 210 Dsl Tractor
MF 205 Diesel Tractor
MF 50C Tractor and loader
MF 20C Tractor w/Cab & Loader
MF 124 Baler
MF 110 Spreader
MF 22 Bale Thrower
MF 216 Loader
MF 39 Corn Planter
(2) #43 Plow
MF #43 3B Plow
MF 520 Disc Harrow
MF 520 Disc Harrow
MF 226 Scraper Blade
MF 227 Scraper Blade
(2) MF 33 17 Run Drill
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
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WANTED!
Used or New Fertilizer Attachment, Complete For JD 1240 Planter
Call
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HYPRO PUMP
Build your own washer with a Hypro 0 to 1200 PSI pump
Pumps, nozzles, hand guns
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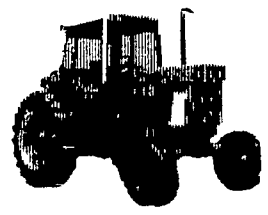

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IH 540 spreaders, hyd. end gate & top beater $2750
IH 435 baler w/thrower $6995

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AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine $13,000
MF 50 tractor
IH 574 gas, completely reconditioned $6500
Farmall A w/undermount mower $1450
Farmall M $1450
IH 706 gas $5500
154 Lowboy A-1 condition $2995.
Oliver 5F 16" plow $1150
IH 531 plow, 3F, $600
IH 430 baler w/thrower $1600
JD 24T baler $700
IH 35 rake $1300
IH 37 disc $1200
IH 370 disc, like new $2500
IH 234 corn picker, $2100
IH 844 corn head $4000
IH 843 corn head, like new $6700
IH 843 4 row corn head
NH tank spreader $800
NI manure spreader $750
109 Bush hog mower $1250
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
Case 11' disc harrow $1400
2 JD flail chopper $600.
72" Woods under mount mower $750.
IH 990 mower conditioner, $1975
NH 717 forage harvester $1400
NH 880 forage harvester w/2 heads, real sharp $4000
Gehl forage wagon w/roof $2200
IH 105 forage box w/new running gear $2900
Century Sprayer $650

Welsh Sprayers
200 gal. trailer model $1050

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

TRACTORS

Ford 6000 diesel
Farmall 460
Farmall H
Int 300
Int cub motor, complete
Farmall A w/cult, pulley & PTO
Farmall Super H, w/live hyd
AC WD
(3) Farmall M w/PS & live hyd
AC WD 45 w/live PTO
DC Case w/hyd
AC CA w/live PTO & 2 bottom plow
Huber tractor

MISCELLANEOUS

NH Flail Attachment for NH Baler to bale corn fodder
JD 16 disc drill
NH 479 & 460 haybine
NH whirl-a-feed blower
SP NH harvester
Loaders to fit IH 574, H, M, Cub, A, AC WD & JD A & B
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders

PLANTERS

IH 400 air, 4-row
JD 494A, 4 row

COMBINES

CII Gleaner w/grain & 4-38
CII Gleaner w/grain & 4-30'
IH 91 10 grain
IH 101 10 grain
JD 30 7 pull type

SPREADERS

NH 180 bu
NI 150 bu
NI 130 bu
IH 8' snow plow, fits most tractors up to 100 h p

DISMANTLING TRACTORS FOR PARTS

JD 70, 4010, IH F 14 A, B, C, H, M 300, 350 Supers C, H & M JD A, B 50 & 60 AC WD & D17 Oliver 70 & 77 Ford 8N & 860 Case SC & V A C Massey 44D, IH 400 MTA, 240, F20 WD D2 Cat crawler

Dismantling 75 combines for parts

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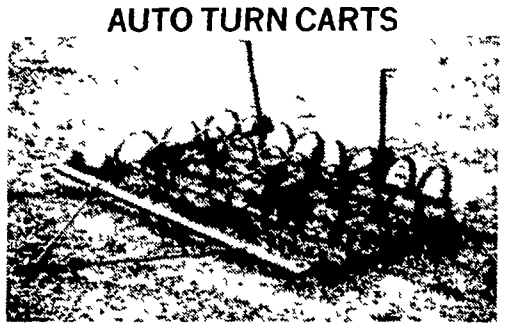
R D #1 Halifax, PA 17032 Rt 225 20 mi from Hbg
Phone 717 362 9574 or 362-9096

LITTIAN BRITAIN SPRING HARROWS
8' 9' 10' 12' Wide

AUTO TURN CARTS

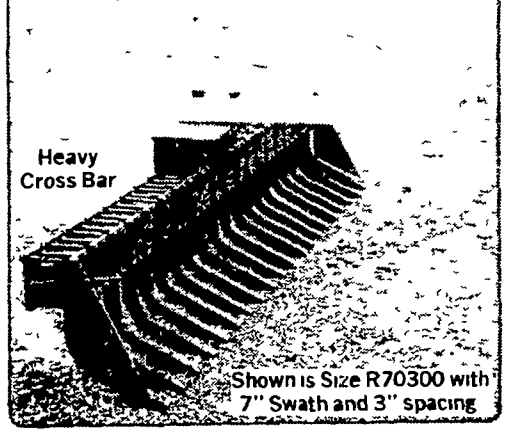


Little Britain Welding Shop
RD #2 Box 218
Nottingham, Pa. 19362

For Information on delivery call
215-932-3141 before 6 AM

VIEL ROCK RAKES

There is nothing tougher than these 1¼" Square Spring Steel Tines



EXCLUSIVE FEATURES

- ADJUSTABLE TINE SPACINGS— OUR PATENTED CLAMPS permit any spacing from 1¾" on up between the tines to meet field conditions.
- ANY WIDTH CROSS BAR — width used may be changed in field.
- END GUARDS may be shifted in or out with swath used.
- END GUARDS easily removed for angle raking if needed.

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No Sunday Sales

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REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
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BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
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PA 19344

Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

JD 50 w/loader
JD 40 w/cultivator
IH 404
JD M w/plow & cult
Ford w/mower
IH 400 w/WF
IH 140 tractor
Oliver Super 88
IH Super H w/loader

HARVESTING EQUIPMENT

NH 717 w/2 row head
NH 880 w/pickup
JD 34 w/2 heads
JD 3 row N head
MF #12 baler w/thrower
JD 214T w/thrower
JD 830 SP windrower
JD 55 combine
NH 1469 windrower
JD 483 mower cond

NEW EQUIPMENT SPECIALS

Badger 14 forage box w/gear $4295
Hesston 1090 mower cond $4800
Hesston 1010 mower cond $6500
GT 370 dryer 350 bu $7995 1 only
JD 225 10 6 disk $3900
JD 950 tractor $5900

MISCELLANEOUS USED EQUIPMENT

AW 13 disk new blades
JD 110 12 disk
JD 34 spreader
JD 205 gymower
Brillion 10 cultipacker
IH forage wagon
JD 216 forage wagon
JD 700 grinder mixer

PIKEVILLE EQUIPMENT, INC.
R D 2, Oley, PA
Phone 215-987-6277
Berks Counties Full Line John Deere Dealer
Serving the Oley Valley 45 years 1936 1981

Used Tractors:

John Deere 4520, 4320 with Cab, 4320 no Cab, 4020 side console & cab, 4020 power shift, 4020 Syncro Range, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch Farmall 1466 Cab & Air, 966 with cab, 806, 826, 560, 460, 450, M, H Allis Chalmers D21, 170, D17 Ford 5000 Diesel, 4000 Gas, 8N & 9N Massey Ferguson 1100 diesel

Used Combines

John Deere 7700 diesel, 4400 gas Rotary screen, 105 diesel, 55 corn special, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads

Used Trucks:

1973 GMC 6500 with Air Brakes, 5 speed Trans 2 speed rear 10 x20 tires New 16' grain body & hoist. 1971 International 1890 Tandem with 16' Body & new 20 Ton Hoist 1971 International 1800 with new 14' Body & hoist. 1971 Internation 1800 Cab & Chassis

Used Plows & Disks:

1450 John Deere 7 Bottom Allis Chalmers 7 Bottom Large selection of John Deere 5, 6, & 7 Bottom. Used Athens Chisel Plow John Deere 230 21' Hyd Fold disk in excellent condition Kewannee 18' Hyd Fold Disk. Athens 21' Hyd Fold disk IH 470 18' Disk Large selection of smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950 mulcher, Kewannee 21' Hyd. Fold Mulcher JD Deere 20' spring tooth on rubber Brillion 18' spring tooth on rubber Used year around cab for IH 766-1566 John Deere 336 baler Large selection of Fox choppers & head. Good supply of Fox Parts New Gehl, Fox & Badger Equip, John Deere 148 loader, used twice with mountings for 3010, 4020 etc Used Pittsburg & Nobel field cultivators Gehl 95 mill with scales, very good condition (never set out) John Deere 1240 Plate & Plateless corn planters Over stocked on lids for Hawk spreaders

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MF 1085
MF 1130
MF 1155 w/cab & air
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 1100
MF 180 diesel
JD 4010
JD 4020
Case 1370
AC 190XT
Farmall 966
MF 124 baler

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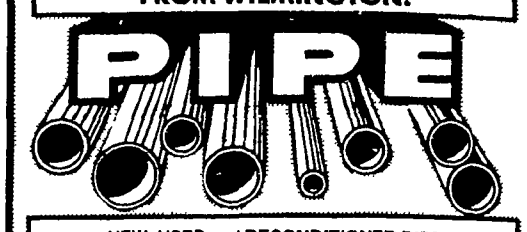

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JD 2510 D w/RG 2000 hrs	$6900
JD 3010 G R C Clean	$4100
JD 60 R C w/P Steer	$1600
Farmall M w/M&W 2 Spd	$1300
Oliver 770 Gas R C	$2400
Cozy Cab for J D Utility	$1300

COMBINING

JD 4400 Dsl 266 hrs	$28 500
JD 95 Cab 4xN Grain	$10,900
JD 237 MTD Picker	$1400
JD 444 Corn Head 200 AC	$7200

PLANTERS:

IH 6 Row 400 Cyclo w/Mower	$2300
JD 7000 4RXW No-Till Liquid	$6400
JD 1440 - 4Row No Till - Liquid Mon	$3700
3 JD 1240 - Plateless 4 Row ea	$1800

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JD 2450 - 7x18' On Land Plow	$4900
JD 220 - Centerfold 18 6 Disk	$3900

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JD 3800 w/2XN Late Mod	$5200
NH 770 w/Pickup	$1900
NH 890 w/2XN - Pick Up Controls	$6400
IH 650 w/2XW Pick Up	$1500
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IH 555 w/2XW Pickup	$1400
JD 3800 Long Tongue for Parts	$1100

MISC.:

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JD 400 L&G Tractor w/Tiller - 60" Mower & Loader	$6900
JD 8300 Plain Drill w/Grass Seed Att New Cond	$3985

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Oliver 1750

SKID LOADERS

JD 170

HAYTOOLS

IHC 990 Mower Conditioner
NH 467 Haybine
NH 469 Haybine
NH 479 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 315 Baler w/Thrower
NH 30 Ft Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

FORAGE TOOLS

NH 880 R2-2-Row Head
NH 707 Harvester w/1 Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
IHC 650 w/2 Row & Pickup
JD 15A Flail Chopper
Gehl 300 w/1-Row & Pickup
Lamco 16' Forage Box w/roof

CORN PICKERS

JD 227 Picker

SPREADERS

NI 213 Single Beater
NH 328 Spreader

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White 5400 Planter
IHC 56 4-row Planter with Insecticide
IHC 56 2 Row Planter

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WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2 62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till

WHITE
348 - CT & SAR Plow
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N H 310, 315 Balers
N H 256 - 258 Rakes
N H 707, 718, 782, 892 Harvesters
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JD 4020 NF
JD 430
Farmall M Tractor
Fox 2R Forage Harvester
JD 215 Grain Plat form, like new
NH 880 R2 Head
NH 880 W Pickup Head
243 & 244 Snapper Heads for JD Forage Harvesters Narrow & Wide row
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
JD 16A Flail Chopper
JD 336 Baler
Bale Wagon
JD 24T Baler w/#30 Ejector
IH Hay Crimper
OMC 9 Mower Condi tioner
Bradley Elevator
50 Bale Elevator
McCurdy Gravity Box w/JD running gear and flotation tires
JD 707 4 Row Rotary Mower
NH 1469 SP Haybine w/Ford water cool ed engine
NH 469 Haybines
15 HP 3 phase elec Motor
JD 1240 Corn Planter
JD 494A Corn Planter
JD 381 Spin Spreader
JD 54 Spreader
NI Spreader

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JD 4440 Tractor QR & SR
JD 4040 Tractor
JD 2940 Tractor
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 700 Consv Planter
JD 1420 2R no till Planter
JD 1209 Mower Condi tioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 45 2B Plow
NH 718 Fg Harvester
NH 892 Fg Harvester w/Metal Detector
JD 3960 Fg Harvester
JD 336 & 337 Balers
NH 310, 315 & 320 Balers
JD 2420 Sp 12 Dsl Mower Condi tioner
NH 489 & 495 Haybines
JD 210 215 & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 310 530 & 632
NH 513 519 & 679 Spreaders
JD 381 & 392 Spin Spreaders
NH 358 Grinder Mixer
Glencoe Soil Savers
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1 - Century 300 gal sprayer	$1700
1 - Little Giant Elevator 38'	$1800
2 - JD 660 Spreaders	
1 - JD 680 Spreader	
Several model 2600 & 2800 plows, 3 bottom, 4 bottom & 5 bottom, 16" & 18"	
Chisel Plows	

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1972 JD 4400 combine with 13' platform and 343 corn head	$20,000
1976 MF 750 combine with 14' grain head and 44 corn head	$30,000
1976 New Idea 325 picker-sheller 30" row	$4000
JD 4010 Diesel Tractor	$6500
AC D17 Gas Tractor, good cond	$2500
IHC H Tractor	$1275
IHC 400 4-Row Aire Planter	$3500
IHC Model 56 4-Row Planter	$1500
JD 7000 Planters, 6-row	$7995
JD 1300 6-Row Narrow Planter	$2500
JD 495 4-Row Planter	$875
JD 494A Planter, Ex Cond	$975
NH 271 Baler	$975
1-V802 Lely Roterra	$2000
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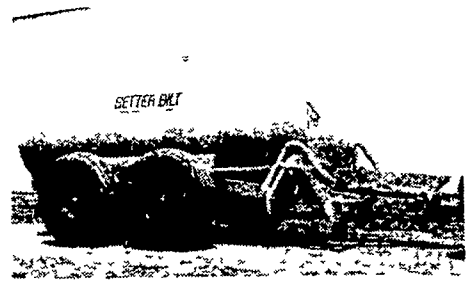

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WHY? IT'S "BILT-BETTER"

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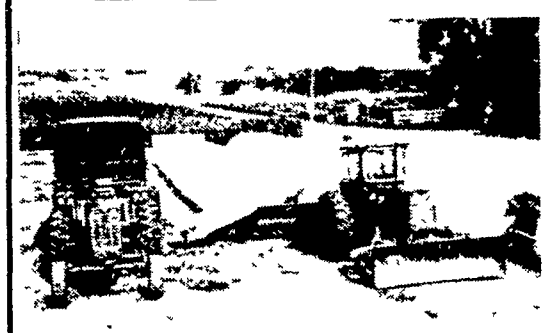

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- Case 350 Crawler Dozer (new)
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- JD 3020 w/Loader
- White 2 135 Tractor, 150 Hours
- Oliver 88 Diesel

LOADERS
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- Case 1830 Uni Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

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- Case Disc Harrow 9'
- Case Disc Harrow, 10'
- Case 400 18 ' 20" Auto Reset 4 Bot Plow
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

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- Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem - 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1 Row Corn picker
- NI 310 1 Row Corn picker
- Int Mtd Picker, 2 Row
- MF No 61 1-Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V 12 Shredder
- N I 2 Row Narrow Pull Picker
- Hesston 2000 100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper

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- Hesston 1014 12' & 14' Windrowers
- Hesston PT 10
- JD 4 Bar Rake
- New Idea Trailer Mower
- Mott Mower
- 3 pt Hookup Mower
- Bale Thrower Wagon

MISCELLANEOUS
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- JD 2 Row Planter
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We Have A Good Line of Used Equipment at Fair Prices

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N H 273 Baler w/Engine
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AC 80-S Mower
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(3) N H 479 Haybines
N H 1469 Haybine
(2) N H 489 Haybines (Excellent Condition)
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N H Self Propelled 1895 Harvester w/4 row head
A C E330 Corn head, excellent condition
NH 256 Rake

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FARM EQUIPMENT

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686 tractor	$17,500
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IH weights	In Stock
18 4x38 snap on duals	$395
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4512 Vibra Shank	In Stock
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9' Mulcher attachment	$[illegible]50
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Posidepth	
6-row dry & liq fert	
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Pincor alternator with trailer	$1495
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Farmall H
JD B
JD 4430

Used Loaders

JD 45 for JD 3010 or 3020 tractor

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JD 494 & 494A 4-row
JD 1250 6-row
JD 1240 4-row

Used Rotary Mower

FMC 10' offset rotary

Forage Wagon

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JD 143 loader
JD 2040 tractor
JD 1050 tractor

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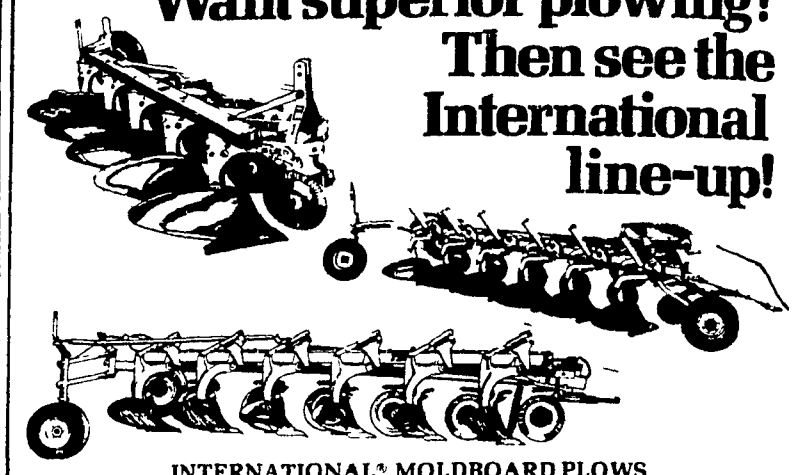

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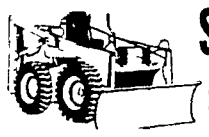
Evenings - 717-524-2924 - Frank Saner



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Case 580B 1975 w/cab	$15,500
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JD 400 Dsl	$9000
JD 1010 Diesel w/hoe 3 pt & PTO overhauled	$6500
Case 580	$6500
Case 530 Diesel	$6500
Ford Backhoe	$5400
Ford Backhoe	$5200
Case Backhoe Loader	$4500
Ford Backhoe	$3500

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Cat D4 40A Good	$11,500
Cat D7, Hyd Blade	$7500
Cat D8 2U Cable	$4200
Cat D6, hyd	$6500
AC HD5 w/Angle Blade	$3250
AC HD5	$3000
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JD 350 6-way angle Blade New Undercarriage	$9000
JD 1010 Dsl	$5000

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AC HD 7G B w/cab & ripper, sharp!	$17,500
IH 175 4 in 1 bucket, clean	$12,500
JD 450 Sharp	$12,000
JD 450 w/ROPS, good	$12,000
Cat 955H 60A	$10,000
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IH T340 Dsl 4-in1 Bucket w/ripper	$7000
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AC HD5	$5200
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SKID STEER LOADERS

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9 Ton Tag-Along	$1400
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1967 GMC ¾ ton w/utility box	$800
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1975 Plymouth Fury 6 cyl	$2500
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Int Tandem Axle Dump	$4250

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Ingersol Rand 175 Dsl Good	$5500
Chicago Pneumatic 125, O H	$3000
Joy 100	$1500
Schram 125	$800

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3 Ton Tandem	$2000
1 Ton Roller	$2000

MISCELLANEOUS

MF 180	$5250
MF 35 Diesel 4 cylinder sharp	$3500
JD 730 Diesel w/Loader	$3400
Ford Corn Planter 2 Row 3 pt Ex	$450
16' Dump Box excellent	$2650
5 ft Rotary Cutter	$465
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Assorted Loader Buckets	
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16 h p Bolens Riding Tractor w/mower excellent	$1850
Myers Snow Plows Electric/Hydraulic/Angle	$1000
17' Dico BlockUnloader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000

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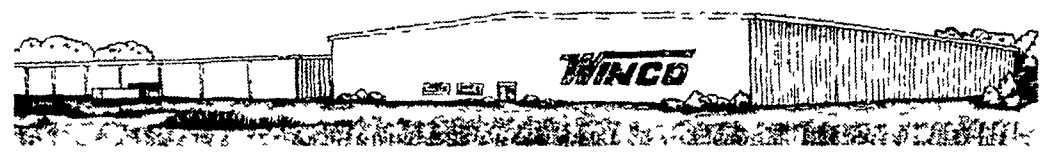

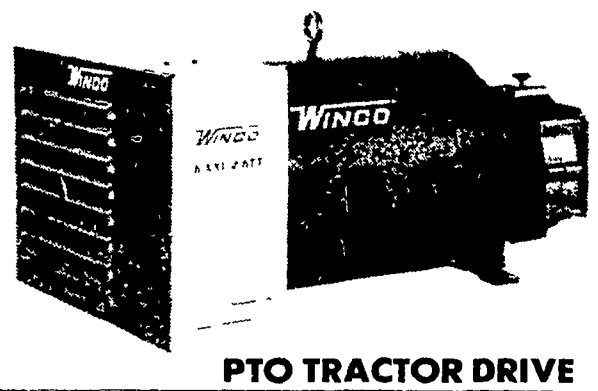

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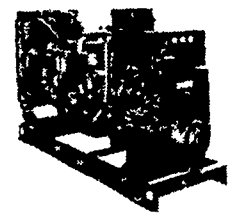
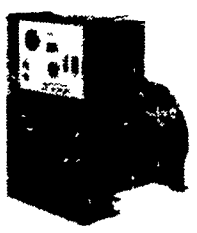
P15PTOF-3	15,000	120/240	1	540	7½	15
20PTOF-4	20,000	120/208	3	540	10	20
20PTOF-17	20,000	120/240	3	540	10	20
25PTOC-3	25,000	120/240	1	540	15	25
35PTOC-3	35,000	120/240	1	540	20	35
40PTOC-4	40,000	120/208	3	540	20	40
45PTOC-17	45,000	120/240	3	540	25	45
55FPTOC-3	55,000	120/240	1	1000	30	55
75FPTOC-4	75,000	120/208	3	1000	35	75
75FPTOC-17	75,000	120/240	3	1000	35	75
75FPTOC-3	75,000	120/240	1	1000	35	75
125FPTOC-4	125,000	120/208	3	1000	60	125
125FPTOC-17	125,000	120/240	3	1000	60	125
125FPTOC-18	125,000	277/480	3	1000	60	125

- Repair & Service Since "1960"
- Large Inventory-Over 50 Generator Sets Available At All Times
- World's Largest Mfg. of Agricultural Generators
- Large Rental Generators
- Used Generators For Sale

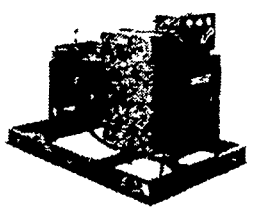


PACKAGE STANDBY WATER COOLED DIESEL LPG-NG GASOLINE

PACKAGE STANDBY AIR COOLED LPG/NG



IRRIGATION



WATER COOLED DIESEL LPG NG-GASOLINE

SPECIAL — NEW

Package Standby Set - 75 KW - Single or 3 phase Includes engine, generator, 400 Amp transfer switch, batteries, muffler Delivered, Only -

$10,400

WINCO GENERATORS

Sales & Service

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Please contact me with information on the following

PTO's Package Standby's
Diesel Sets Rentals

Name

Address

Town

State Zip

Phone

YOU'RE INVITED TO

MESSICK FARM EQUIPMENT'S

OPEN HOUSE

SPERRY NEW HOLLAND

FEBRUARY 11, 12, 13, 14

Daily 9 AM - 9 PM, Saturday 9 AM - 2 PM

MESSICK'S IS LOCATED AT THE RHEEMS EXIT OF RT. 283 ELIZABETHTOWN, PA PH: 717-367-1319 or 653-8867

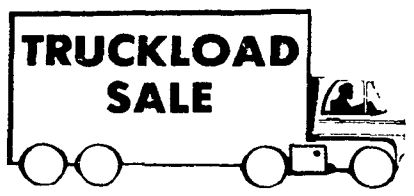
SPECIAL EVENTS - MARK THESE DATES on your CALENDAR

Wed., Feb. 11 - "Farmers Don't Miss This" - 10:00 a.m. and 2:00 p.m.

Guy Avellon from Bowman Distribution will hold a welding seminar for you to learn better welding skills A learning experience for everyone.

Fri., Feb. 13 - "Family Night" - 7:30 p.m.

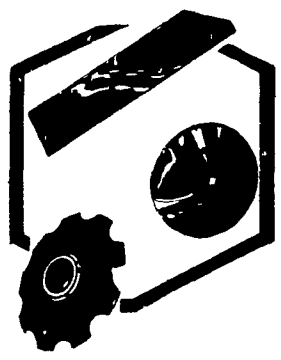
This year Ken Hussar will have you laughing from beginning to end with his family program of music and humor. Come and join in the fun.



PARTS SALE

SPECIAL PRICES ON IH PLOW PARTS & OIL - BIG DISCOUNTS ON ALL PARTS

- ★ FUEL FILTERS
- ★ OIL FILTERS
- ★ FAN BELTS
- ★ MOLDBOARDS
- ★ DISC BLADES
- ★ PLOW SHARES
- ★ SPARK PLUGS
- ★ HAYBINE KNIVES
- ★ HAYBINE GUARDS
- ★ GLENCO CHISEL PARTS
- ★ SHEAR BOLTS
- ★ CHISEL POINTS

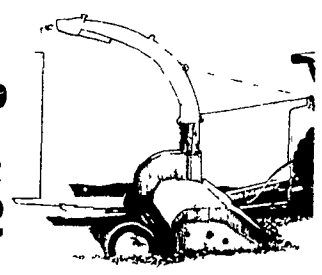


BUY HYTRAN ENGINE OIL BY THE DRUM & SAVE

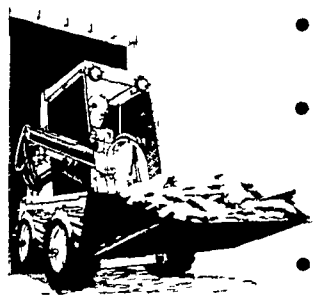
NEW EQUIPMENT OPEN HOUSE SPECIALS

SPERRY NEW HOLLAND

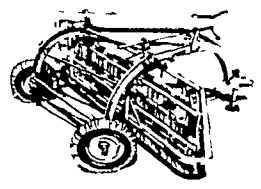
IH MODEL 10 CROP CHOPPER $3722



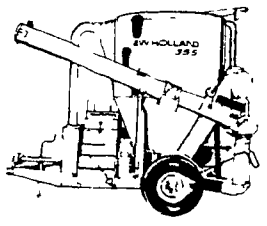
IH MODEL 4125 SKID LOADER 8:50 Tires, Utility Bucket, 1 Only **$5778**



- IH MODEL 884D TRACTOR.... $13976
- IH MODEL 1190 MOWER CONDITIONER . $5695
- IH MODEL 35 RAKE, Hyd. Drive $1749
- IH MODEL 501 DISK, 12½ ft. $5647
- IH MODEL 830 FORAGE HARVESTER w/Pickup Attach..... $9344
- (1) IH MODEL 5507 CHISEL (Demo) $1595



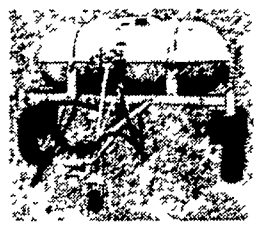
(1) NH MODEL 256 RAKE $1532



(1) NH MODEL 355 GRINDER MIXER $5395

- (1) NH MODEL 791 SPREADER..... $6519
- (1) NH L425 LOADER $9542

WALSH SPRAYER 200 Gal. **$1065**



- LAMCO 18 ft. Steel Rack BALE WAGON $1665
- BRILLION 19 ft. Hyd. Folding PACKER ... $3550
- McCURDY Box..... $635

GOOD CLEAN USED EQUIPMENT AT OPEN HOUSE PRICES

USED TRACTORS

(1) IH 966 (1800 hrs.)
(1) IH 886 (700 hrs.)
(1) 900 Long (380 hrs.)
(1) 84 Hydro (200 SOLD
(1) B275 Utility
(1) T340 Crawler
(1) Massey 30
(1) Ford 8N
(1) AC B w/Blade
(1) Satoh Bison w/Loader
(2) Farmall Cub

USED HAY EQUIPMENT

BALERS:
(2) NH 320 Balers (1 yr. old)
(1) NH 315 Baler w/Thwr
(1) NH 276 Baler w/Thwr
(1) IH 37 Baler w/Thwr
(1) IH 46 Baler
(1) Oliver 520 Baler

RAKES:
(2) NH 258 Rakes (1 yr. old)

MOWER CONDITIONERS:
(1) NH 479 Haybine
(1) NH 461 Haybine
(1) IH 990 Mower-Cond.
(1) IH 1200 Mower

USED TILLAGE

(1) IH 450 3 Bottom
(1) J.D. KBA Transport Disk
(1) J.D. Transport Harrow
(1) Oliver 3 Bottom
(1) IH 5507 Chisel (Demo)
(1) J.D. 494 A Planter
(1) IH 400 Planter, 4 Row
(1) IH 531 Plow

USED FORAGE

(1) NH 1880 Harvester, 3 Row & Pickup
(2) NH Super 717 Harv.
(1) IH 650 Harv.
(1) NH #8 Wagon Fully Equipped
(1) J.D #66 Blower
(1) IH 56 Blower

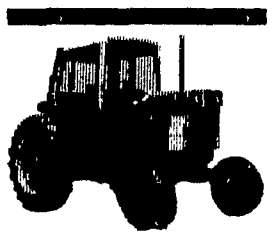
USED SPREADERS

(1) Martin Scavenger (Like New)
(1) NH 791 (Like New)
(1) NH 790 (Like New)
(1) NH 519
(1) NH 518
(1) NH 516
(1) NH 510
(1) NH 328
(1) NH 362 Tank
(1) Case Spreader

USED MISC. EQUIP.

(1) NH L775 (Like New)
(1) Bob Cat 610
(1) Walsh 300 Gal. Sprayer
(1) New Idea Lime Drill
Several Used Cub Cadets

FARM EQUIPMENT



NEW TRACTORS

F1086
F886
F140, special price
Int 584 w/2250 loader, special price
Int 584 row crop
Int 384 w/1850 loader
Int 284, 4 wheel drive
Int 284, gas & diesel
Cub 184 Lowboy
IH 284 w/rotary mower, demo

USED TRACTORS

Int 464 w/2250 loader
Cub 185 Lowboy w/mower & snowblade
1200 Cub Cadet w/44" mower

NEW EQUIPMENT

IH 80 snowblower
McKee snowblowers for 184 tractors
IH 530, 550 manure spreaders
510 plow 5' 18"
720 plow 5 18
475 disc harrow 11 6'
350 disc harrow 10 3
55 chisel plow

USED EQUIPMENT

510 plow 5 bottom

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

CFH

JOHN DEERE

USED TRACTOR

1974 JD 4230 4 post RG, Wea Enc, 18 4x34 tires 95%, duals available

NEW TRACTORS IN STOCK

JD 850 22 hp
JD 2640 Ind PTO
JD 4400 Cab, Quad
JD 4840 Cab P S

USED PLANTERS

JD 494a 4 RW
White 543 4 SOLD
JD 7000 6 rn with Fert
JD 694a 6rn
IH 566rn with Fert
JD 7000 1 SOLD

NEW PLANTERS IN STOCK

JD 7000 6r Cons
2 JD 7000 12 r Fr Fold

NEW PLANTERS COMING IN FEB. & MAR.

JD 6 rn reg
3 JD 6r cons
JD 18 Fr Fold

USED PACKERS

Brillion 13' and 14' with Trans
Bearcat 17r Crow Foot with Trans
JD 7000 6 rn with Fert

NEW PACKERS

Brillion 18' and 20' with Trans
Brillion 23' and 25' Fold

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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

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Peach Bottom, Pa.
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SPECIAL REDUCTION ON NEW VICON SPREADER-SEEDERS
(Pendulum Action)
Call For Price

New Vermeer Heavy Duty 3 pt. Scraper Blases 80 h.p. plus
$700.00

We Have In Stock
New Vermeer Balers and
Mobile Irrigation Equipment

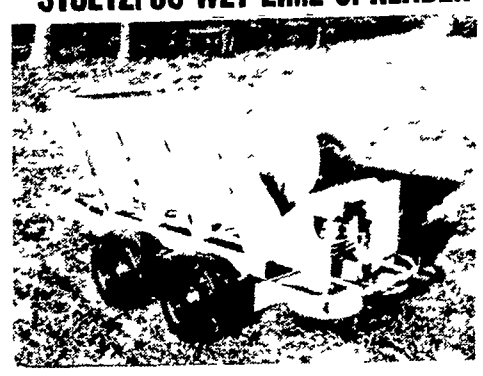
USED SPECIALS

Hesston 10 Stackhand w/3 pt mover	~~$3500~~	$2950
Hesston SP 50 Windrower	~~$3000~~	$2250

FARM EQUIPMENT

FARM EQUIPMENT

STOLTZFUS WET LIME SPREADER



SAVE - Spread Your Own Lime
Less headaces - Spread it when YOU want it spread.

Will spread fertilizer, poultry wastes, etc.
Leaders in accurate spreading for ¼ of a century.

- Truck mounted or tractor drawn
- Manufacturers of boom type for dry materials
- Distributors for the famous Willmar line of quality spin spreaders, tenders, etc
- We stock spreaders and parts.

C.U. STOLTZFUS MFG. INC.
Morgantown, PA 19543
Ph 215-286-5146

Tag #	NEW		Retail	Cash & Carry Price
1252	519	New Holland Box-type manure spreader	4458 00	3807 00
		Jet Hoist - pick up only	1095 00	895 00
1224	GL10	Lely Gemini Haysaver	2217 00	1800 00
1159	H	Lely Broadcaster	1010 00	895 00
	USED			
1070	4000	Ford tractor HD-WF SP-Lpto	3500 00	3250 00
1486	4000	Ford tractor SOS New rubber	4750 00	4500 00
1063	T020	Ferguson	1800 00	1500 00
1575	LA	John Deere Tractor w/ plow & cultivator	1800 00	1600 00
1794	H	Farmall tractor w/snowblade	895 00	750 00
705	LF108	Brillion Single gang pulverizer	600 00	500 00
1777	GKP64	Brillion Seeder	500 00	500 00

Ford Tractors Equipment

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FEBRUARY 17 thru 19
Tuesday - Wednesday - Thursday

• SPECIALS ALL 3 DAYS •

10% DISCOUNTS ON IH PARTS
20% OFF ALL IH OILS and HYTRAN
15% OFF ALL IH FILTERS IN STOCK
TRUCKLOAD PRICES ON SELECTED IH PLOW PARTS

(Terms, All Discounts: CASH)
SPECIAL PRICES ON ALL MACHINES IN STOCK.
Plus Refreshments & Registration for Door Prizes

SPECIAL EVENTS DAY
THURSDAY, FEBRUARY 19
Lunch 11:00 til 2:00
1:30 - See The Film: "Footprint On The Soil"

Plus
A Presentation On The

ALL NEW EARLY RISER PLANTER
Key Factory Representatives Will Also Be On Hand.
After The Program Door Prizes Will Be Drawn

Mark Your Calendar and Plan To Attend

C&W EQUIPMENT, INC.
260 York Road
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(Next To The Farmers' Market)
Phone: 717-243-4419

WHITE Farm Equipment

MF Massey Ferguson

NEW COMBINES:

MF 750 Hydro w/cab, air & monitor
MF 750 w/cab, air & monitor (SPECIAL PRICE)
MF 540 w/cab, air
WHITE 9700 4 wheel Axial Flow w/all extras
WHITE 7300 w/heater cab air long axel ext

ALL DIESEL'S NEW TRACTORS:

MF 4840 4/wheel drive w/all extras Draft Hitch & PTO (Special Price)
MF 275 w/MP With FREE Heathouser cab
MF 245 w/MP With FREE Heathouser cab
MF 230 w/MP SPECIAL PRICE
MF 60 B H L w/Cab 19½ Foot Digging Depth
SPECIAL PRICE ON HEAT HOUSERS FOR MF 1080 and MF 180 Tractors
MF 205 Diesel
WHITE 4 175 4 Wheel drive w/all extras
WHITE 2-45 4 Wheel drive Demo
WHITE 2-45 2 Wheel drive

USED COMBINES:

MF 760 (1978) V8 Dsl w/hydro trans Heater A/C Cab $47,795
MF 760 (1978) Turbo 6 Dsl w/Hydro trans A/C Cab $44,795
MF 760 (1978) Turbo 6 w/Hydro trans A/C Cab Dsl $42 795
MF 750 (1978) Turbo 6 Dsl w/Hydro trans A/C Cab $42,700
MF 750 (1977) Turbo 6 w/hydro trans $39 700
MF 510 w/cab 3 speed trans Dsl
OL 525 w/Cab $9750
OL 525 w/heads $8750
JD 40 w/10 ft Grain Table $1895
MM 3490 Grain Combine $1495
(2) MH 82 Grain Combine $975

USED TRACTORS:

IHC 1456 w/Cab (1971) $12,895
MF 135 Gas 308 Hrs $5295
OL 1550 Industrial loader tractor $4850
JD 1020 w/Deere Loader $5250
Leyland 154 w/250 Allied Loader 490 hrs diesel $4295
MF 205 Dsl w/turf tires Woods Mower $4195
Farmall 300 w/side mtd mower $1875
OL 77 w/2 row mtd New Idea Husker $1985

USED CORN PLANTERS

White 5400 Plantaire planter dry fertilizer, 6R-30 no-til $6895
White 5400 Plantaire 4 row dry fertilizer, no til $4195
IH 400 cyclone, 6R, no til $4250
IH 400 dry fertilizer cyclone, 4R no til $2495
2 AC dry fertilizer, 6R no til $2875
IH 56 dry fertilizer, 4R w/insecticide attach $1875
MF 78 dry fertilizer, 4R mtd $975
JD 494 dry fertilizer, 4R, as is $175

MISCELLANEOUS

New JD 605 tandem axle 5 ton fertilizer spreader $4250
New 350 GT grain dryer Special Price
Owantonna 1700 skid steer loader mustang $3895
MF 15 grinder mixer 1978 $3498
10 Versatile SP Swather, & conditioner $1895
Fox 2310 1000 R P M w/new 1 row belted head & P U $6895
MF 260 w/2 row head & P U $6895
New 2 MF 200 w/hay P U $5875
GT 370 grain dryer w/all extras
660 Fox ensilage blower new $1995 cost $1485
MF 54 ensilage blower new $1195
KB 200 Kools grinder & blower $2195
54 Kools blower $495
SB 25 Farmhand wheel rake (1979) $975
MM 2 Star crawler dozer $1195
IHC 6x16 mtd plow spring trip $1945
OL 4x16 mtd plow cushion trip $1195
OL 2 bottom pull type plow 2x16 $475
IHC 10 ft transport disc $635
JD AW transport disc 14 ft $1275
Allied 300 loader for MF 35, 135 235, trac $945

GUS FARM EQUIPMENT, INC.
Intersection of Routes 616 & 214
Seven Valleys, PA
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master charge VISA CHOICE

FOR SALE

HESSTON 10 STAKHAND

PAUL D. MAST

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FARM EQUIPMENT

For Sale 4 row JD front mounted cultivator, fits 3020 & 4020 newer series wide front end tractors 717-752 3825

1980 MF model 184 4, 4 wheel drive tractor, 52 h p , Perkins diesel engine, 12 speed syn cromesh trans , dual hyd , cab 400 hrs , like new condition $17,000 or best offer 717 677 8168

FARM EQUIPMENT

For Sale 8' Bush Hog chisel plow Used only on 200 acres Excellent con dition Salem Co Call Bet ween 6 and 8 a m 609 358 4781

6000 Ford tractor diesel, 532 baler with thrower, Case 655 self propelled w i n d r o w e r , 717 264 3519 Franklin County

FARM EQUIPMENT

NH 775 Skid Loader (Demo)
NH 510 Spreader $800
(2) Chop 'N Bed $1400 ea
NH Crop Dryer Wagon, good for bale thrower $950
Cattle Feeder Wagon $800

WENTZ FARM SUPPLY
Palm, Pa
215 679-7164

FARM EQUIPMENT

1980 Chevy K 30 with John Blue sprayer 1978 Chevy K 30 with John Blue s p r a y e r , 215 944 7325

FARM EQUIPMENT

706 Farmall German diesel, 3 pt , WF, 540 & 1000 rpm PTO $6000, li quid manure tank $250 215 267 2714

FARM EQUIPMENT

JD PTO corn sheller, Far mall H tractor, Glenco field cultivator, NI 2 ton fertilizer trailer spreader 717 786 3087

Hollinger tractor co.

749 Rothsville Rd., Lititz, Pa. 17543

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Call
Larry Hollinger
or Lee Dull
HOME
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We want your business We ll do our best to serve you Larry Hollinger, (left) and Lee Dull

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Cat 951C w/ROPS	$17,500
Cat 955H Pedal Steer, Sharp	$16,500
955H Exc Shape, ready to go to work	$10,500
Cat 955 12A	as is $4,500
Cat 977H w/cab 90% under carriage	$16,500
AC HD 6G	$4,500
AC HD 7GB, 1972 model	$8,500
AC HD5	$3,500
JD 350C, Sharp!	$12,500
JD 450C w/Backhoe, Sharp	$18,500
HD6 Slant Hood	$6,500
1968 HD6 w/new undercarriage, exc	$9,500
Case 450, Sharp!	$8,500

DOZERS

AC 653 6 way angle dsl w/winch	$6,500
JD 350 straight blade	$5,500
JD 350B 6 way angle	$9,500
D6C w/cab, Sharp!	$32,500
HD 5 w/angle blade and winch, good	$5500
Cat D7E cable blade	$18,500

BACKHOES

Bantam C-290 Crane	$8,500
(2) Case 580	$6,000
Case 580B w/ROPS	$8,500
JD 310 w/ROPS, Sharp!	$11,500

GRADERS

(2) Gradalls 2460 dsl U/D	ea $5,500
AC-45 w/cab (diesel)	$6,500

AIR COMPRESSORS

Jaeger 125	$1,750
(2) Schram, Sharp! ready to go	ea $1,750

TRAILERS

1979 Trailmobile 42' w/sliding tandems	$9,000
1978 CMI hyd folding gooseneck, 35 ton, like new	$20,000

TRUCKS

1973 GMC, Tandem Axle w/653 Dsl engine, good	$7,500
1966 International 2000 Dsl., full screw, conventional cab	$4,500

RUBBER TIRED PAYLOADERS

Hough 90 w/cab articulate machine	$45,000
W5 Case	Make Offer
1979 Ford A62, Dsl , Articulating Machine, 850 hrs	$28,500
Hough 30	$6,500
Hough HM w/cab, new motor, good tires, ready to go to work	$6,500

MISCELLANEOUS

(2) Winch to put on truck tractor	Make Offer
Riding Sweeper	$950

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

TA UNITS GUARANTEED UP TO 2 YEARS.

Rebuilt TA assemblies available for IH tractors New and Rebuilt, Water Pumps Dynalife clutches pressure plates and PTO drive shafts (are spline fitted into pressure plate) IN STOCK for tractors A B C through 1586 also for most models of IH combines ***IH dealer inquiries invited on our parts & prices!***

Complete TA assemblies for 705-1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag The Dana sprag is guaranteed for 2 yrs against failure Ramps and carriers for older style TA's (as in SMTA 340 560) are priced at $135 & $145 respectfully and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor yourself and send the center housing to us Shop is also available for other major tractor repairs

TORQUE AMPLIFIER PRICES WITH CORE EXCHANGE

Part No	
363499A fits SMTA, 400, 450, 560	$650
363854A fits 300, 350, 460	550
394814A fits 656, 666	500
402778A fits 544	500

Direct Drive Clutch Package for mechanical TA priced at $145 includes reconditioned 7" fly wheel, new 7" clutch disc and 7" pressure plate

Clutch and Pressure Plate Specials

We now have a custom built heavy duty clutch and pressure plate com bination for 454, 451, 464, 574 and 674 This package features an 8 pad clutch disc with a 9 spring pressure plate and replaces pressure plate 70716C or 68211C and clutch disc 530402 or 401179 which were a 3 pad clutch disc and 3 spring pressure plate This package was designed for ap plication where the clutch is subject to heavy abuse as in loader tractors This package is not available through IH parts but it will solve your clutch problems on these tractors Price for clutch disc and pressure plate, $300

New 6 pad HD Dynalife clutch disc #384395 and rebuilt pressure plate #405300 fits 706, 756, 826, 806 856 966, 986 $180

Parts shipped UPS & Parcel Post Daily

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Quality Farm Equipment

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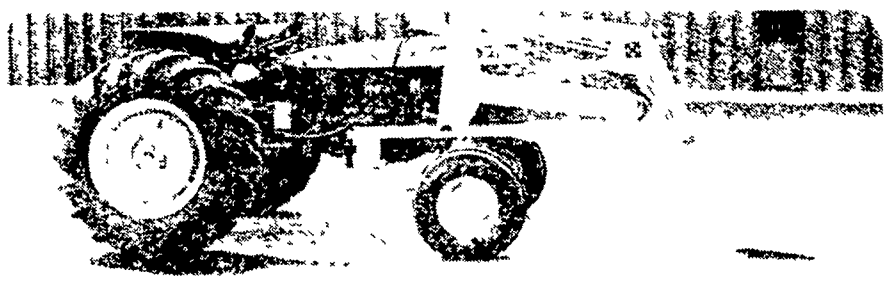
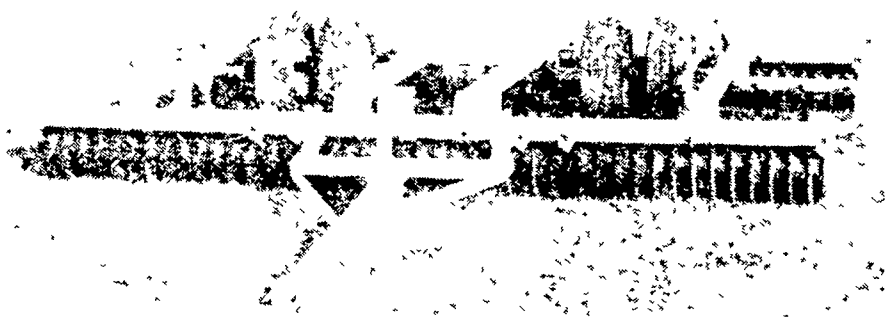


2 & 22 LOADER

- Two rugged loaders fit 90% of all tractors made in the last 20 years.
- Pickup this loader and mount on your tractor and save

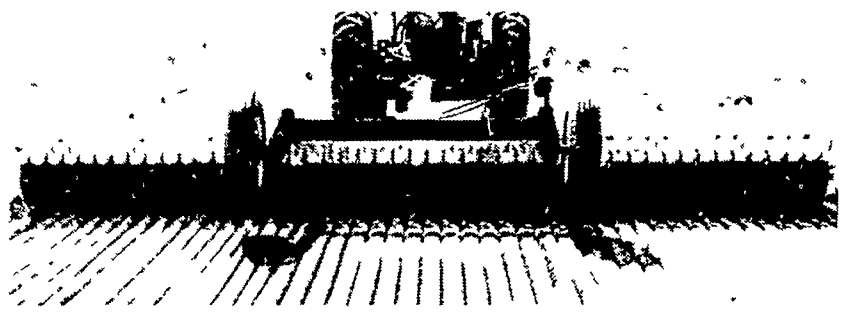
FROM THE ORIGINATOR OF THE QUICK-ON, QUICK OFF LOADER.

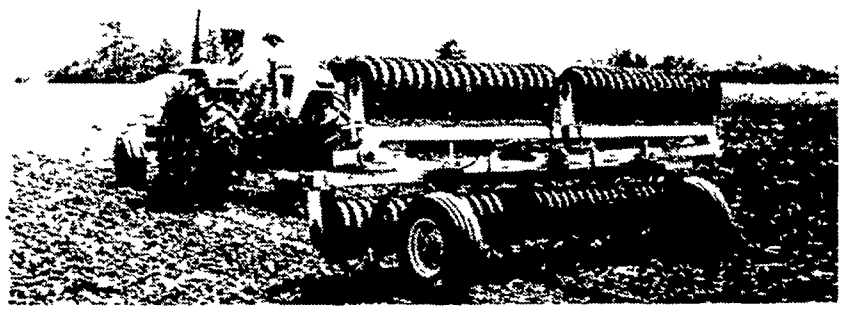


41 MULCHER

Tomorrows CultiMulcher today! Shock absorbing modular design. Built to work all day without a break.

SERIES 40 CULTIPACKER SERIES 42 WINGPACKER





EQUIPMENT IN STOCK:

- SERIES 22 LOADERS - with mounting brackets for Deutz models D-4006, D-4506, D-5206, D-5506, D-6206. For Case and David Brown 990-995 tractors and Ford models 4000, 4600, 5000, 5100, 5600, 6600, 6700, 7100, 7600, 7700 and new Case models 1290 & 1390.
- CULTIMULCHER - 10 ft. wide with Danish tines
- HYDRAULIC FOLDING WING PACKERS - Models with rolling width 20'7" and 24'9". Also: Regular pull type packers down to 8 foot wide.

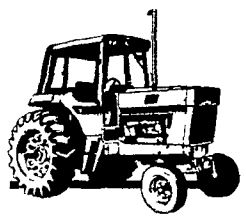
case **BH**

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

NOTICE! **IF WE DON'T HAVE WHAT YOU WANT, WE WILL GET IT AT EARLY ORDER DISCOUNT PRICES FOR ORDERING NOW!**

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



USED EQUIPMENT

Farmall 1466 w/year-round cab, new clutch and TA
Farmall 706 w/291 Gas Engine
Farmall 460 Diesel w/fast hitch
Farmall 806 Diesel w/Turbo
IHC 424 Utility Tractor w/excellent loader
JD 4430 Tractor loaded, excellent
JD 1020 Gas Tractor w/#4(SOLD)rs
Miller 14' Disc
John Deere 13' #1630 Plowing Disc
NI 708 Uni w/717 combine and 15' flex type soybean head and 4 row 744 N corn head.

RAYMOND B. LEAMAN
Willow Street RD 1, Ph Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt 222 take Brenneman Road
at Graybill Bros Garage, Refton

C.J. WONSIDLER BROS.

ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

TRACTORS

Farmall 154 w/mower
Farmall 185 w/mower snow plow & snow blower
Farmall 460 D
Farmall 300
Farmall H
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 50
MF 35
AC 7040 D w/cab
AC 7030 D w/cab
AC 7030 D
AC 175 D
AC 170 G
AC D19 D
(2) AC D17 G
AC WD45 G
AC WD G
Ford 3000 G
Ford 800
Ford 9N w/snow plow
JD 720
JD 60 w/picker
JD B
Oliver 500 D
(3) Case 300
David Brown 1200 D
Satoh Elk 550 w/lo hrs

COMBINES

Gleaner K w/grain & corn heads
Gleaner AII w/13' grain & 2 row corn heads
Gleaner CII w/13 grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads, 1968
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

TILLAGE TOOLS

AC 5-B 16" Plow Semi
AC 4 B Plow Snap coupling
(2) AC 3 B Plow
Oliver 6 B Plow Semi
Oliver 4 B Plow Auto reset
Oliver 3 B Plow 3 pt
Ford 5-B 16 Plow 3 pt
JD 3-B Plow pull type
JD 2-B Plow pull type
Bush Hog 1436 14' Disc
JD 12' Transport Disc
JD 8 Offset Disc
(2) JD 8' Transport Disc
JD 7' pull type Disc
McConnell 16 Transport Harrow
JD 10 Cultimulcher w/Harrow
JD 7' Spring Tooth Harrow
Brillion 8' Cultimulcher
JD 10' Cultimulcher
AC 3100 10' Offset Disc
AC 16½' Field Cultivator
Glenco 16½ Field Cultivator

MISCELLANEOUS

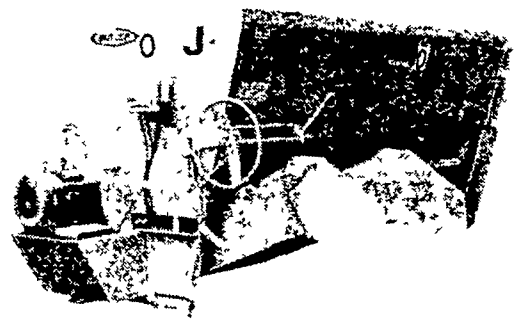
Hydra Mac 8 Skid Loader, rebuilt w/bucket & manure fork
NI 506 Front end loader
Weaverline 224, 30 Bu rebuilt Electric Feed Cart w/automatic charger
Weaverline 223 Electric Feed Cart w/Automatic Charger
Agway 30 Bu Electric Cart, only 3 years old
Uebler 35 Bu Electric Cart
JD 17 Disc Drill
McCormick 13 Disc Drill

NEW IDEA FARM EQUIPMENT

Trumbauersville to Finland Rd , Quakertown, PA
CALL (215) 536-1935, 536-7523
OR Rts 309 & 100, New Tripoli, PA (215) 767-7611
OR Lobachsville, Oley, PA (215) 987-6257

Make every bite right.

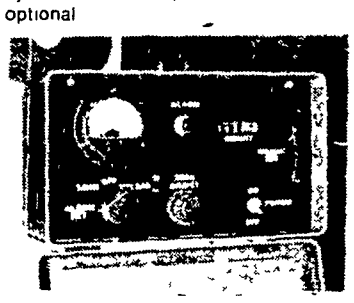
Combine Ensilmixer® feed mixer, with scales, and a Jamesway® TMR system.



You can increase production Reduce feed costs And improve labor efficiency All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor unloaders, conveyors and cattle feeders) Or, use it with any mechanized feeding system Whether you prefer the stationary, trailer mounted or truck-mounted model, it s a real profit building management tool

Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger Uniformly mixes even partial loads

Precisely weighs ingredients Accurate weighing means consistent, balanced rations, eliminates waste Lets you calculate the amount of feed needed and mix that much Weigh bar system is standard, electronic scales optional



That s why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle And, can help make farming just a little bit better Ask your Jamesway Power Choring dealer

We Have Models In Stock - Available At:

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215-273-3131 — 273-3737

BUTLER® Ensilmixer® feed mixer from JAMESWAY®

The performance leader ... making the good life better

NEW TRACTORS

IH 284D
IH 284D 4WD
IH 384
IH 584 Std.
IH 684
IH 884
IH H 84
Farmall 786
Farmall 986
Farmall 1086

NEW TILLAGE

IH 735 vari-width, auto. plow
IH 55 Trailing Chisel Plow 13 ft.
IH 53 3 pt. Chisel Plow 13 ft.
IH 6000 Concertil 10 ft.
IH 4500 Vibra Shank

NEW DISC HARROW

IH 122 5'6"
IH 122 6'9"
IH 350 10'3"
IH 475 18'7"
IH 501

NEW GRAIN DRILL

IH 5100 16x7
IH 5100 18x7
Many More On Order

USED TRACTORS

Farmall C
Farmall H
Farmall M
Farmall 504
Farmall 544 w/3000 Loader
Farmall 560
Farmall 656
Farmall 656D Hydro
Farmall 666
Farmall 706D
Farmall 966
IH 354
IH 454 w/1550 Loader
IH 656
IH 674
IH 784

USED EQUIPMENT

IH 710 Plow 5 btm Auto.
IH 501 Disc Harrow 12'9"
IH 37 Disc Harrow 36 disc

USED COMBINES

IH 1440 w/844 Corn head
IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head

NEW PLANTERS

We Have 800 Series Planter In Stock

IH Uptime Service

WINTER SERVICE SPECIAL
10% DISCOUNT

ON ALL PARTS AND LABOR OF IH WORK SCHEDULED IN OUR SERVICE SHOP UNTIL MARCH 1st 1981 WORK MUST BE ON MAJOR OVERHAULS OF ENGINES, TRANSMISSIONS OR TA S BILLS MUST TOTAL $600 00 OR MORE AND BE ON A COD BASIS TO QUALIFY

12 MONTH FINANCING AVAILABLE

CALL HERB DERSTINE AND SCHEDULE YOUR JOB

certified service 1980 1981

WM HOBENSACK'S SONS

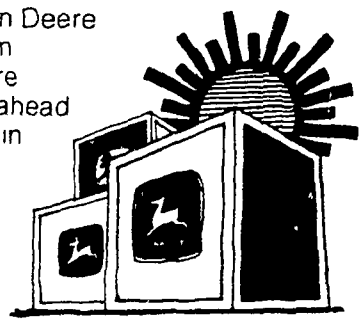
1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101

SPECIAL OF THE WEEK

TRUCKLOAD SAVINGS ON ALL JOHN DEERE DISC BLADES

Tractor parts... Tillage parts... Planting parts

Yes, we have the John Deere parts you need from tillage to harvest We re ready for the season ahead Are you? Call or stop in



20% OFF ALL BLADES IN STOCK!

18" - 20" - 22" - 24"

JOHN DEERE

John Deere design, dependability and dealers make the difference

OXFORD GREENLINE

Rd 1, Oxford, PA
215-932-2753, 215-932-2754

FOR SALE

Auto turn carts and five angle scrappers.
Reassemble with two bolts

Scrappers $155
Carts 270 with brake
Carts 230 without

Liquid Manure Spreader
Made by Orders

$1695.00

WOOD STOVES
10% DISCOUNT
TILL STOCK IS ALL

SAMUEL F. STOLTZFUS

R 1 Christiana, Pa. Box 199 17509
At Bartville

TRACTORS

Ford 9000 w/cab
Ford 8000 w/dual wheels
Ford 7700 Dual Power
Ford 5000 D 8 Speed
Ford 3000 8 Speed, PS
Ford 2600D w/Loader
Ford 3400D w/Loader
Ford 4400G, 3 pt. w/Loader
Ford 4000 w/Loader
Ford NAA w/Loader
Ford 9N w/Loader
Ford 600 w/Loader and Backhoe
Ford 4000 w/Loader and Backhoe
Ford 3500D w/Loader
Ford 640 w/Snow Plow
Ferguson 30 w/Loader
IH 330 w/fast hitch
AC 160D
AC D17 3 pt.
Case 830 CK
MF 2135 w/Loader
MF 135
MF 65 G, PS
JD 730D, WFE

EQUIPMENT

NI 12A Spreader
NI 202 Spreader
JD 7' Flail Mower

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

M & R EQUIPMENT, INC.

New Park, PA - 4 mi. East of Stewartstown
717-993-2511
Red Lion - Brogue - Loganville - York - 717-246-1972

OPEN HOUSE

February 16, 17 & 18

10% DISCOUNT ON ALL NEW HOLLAND PARTS (except emergency orders) **PLUS A 2% CASH DISCOUNT**

EQUIPMENT DISPLAYS & DEMONSTRATIONS
STOCK UP FOR SPRING NOW!
LUNCH SERVED ON 18th
Buy Now - Avoid Price Increases!

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

MARK YOUR CALENDAR!

OPEN HOUSE

Feb. 17 & 18

- Pig Roast!
- Special Discounts!
- Co, Reps!
- ITCO Specials!

Lots More...
★ See Next Weeks Paper For Full Details!

Shartlesville Farm Service presents the fun of Expo '81.

An all new show. With new products, songs, prizes and entertainment for the whole family.

It s all free And you're all invited

The entertaining Allis-Chalmers Spokeswoman will be here with a fun packed show for the entire family And she ll introduce you to exciting new products from the better designed line of Allis-Chalmers equipment You ll see the new 6080 and 6060 tractors, the new 460 loader, the new *'No-Til"* Special planter and the new 12, 16 or 24-row 390 planter Along with our feature packed over-100hp and 4-wheel-drive tractors and legendary *Gleaner* combines

There ll be a great show with refreshments and our friendly hospitality And it's all free So come on by and bring the whole family Join in the fun of Expo 81!

Better by Design
ALLIS-CHALMERS

Date: **Tues., Feb. 17** Showtime: **7:30 P.M.**
Place: **Shartlesville Farm Service Showroom**

Gleaner and *No Til* are Allis Chalmers trademarks

OPEN HOUSE SPECIALS

ALLIS CHALMERS EQUIPMENT

	Description	Price
TRACTORS		
A C	5030 Tractor 26 Hp	4,995 00
A C	5050 Tractor 51 hp 222 hrs	9,700 00
A C	505 Tractor 51 hp	12,200 00
A C	7010 Tractor 106 hp Cab Air Wgts, 20 8x38 tires	26,500 00
A C	7045 Tractor 146 hp Demo Cab Wgts 20 8x38 tires	25,900 00
TILLAGE		
A C	10' Mounted 1600 Chisel Plow	1,695 00
A C	8' Mounted 1600 Chisel Plow	1,395.00
A C	5 Bottom 16' (2000 Series) Plow	3,395 00
A C	16'8" 2600 Fold Disc	6,750 00
A C	4 row 333 no till Corn Planter	6,750 00
A C	16½ 1200 Field Cult Hyd Fold	2,650 00
	NEW IDEA EQUIPMENT	
1	272 Cut/ditioner 7' cut	3,795.00
1 -	279 Cut/ditioner 9' cut	4,025 00
1 -	299 Mow/ditioner 9' cut	4,500.00
1 -	198 51'8" Transport Auger	2,175 00
1 -	323 1 Row Cornpicker	4,195.00
2 -	324 2 Row Wide Picker w/12 Row Bed	9,695.00
1 -	638 8 Ton Running Gear - No Tires	715 00
1	116 Fert Spreader 1400 lb Capacity	675 00
1	774 Uni 4 Row Chopper Head	5,625 00
1	743W Uni 3 row Wide Stripper Head (used 100 acares)	3,875 00
	MISCELLANEOUS EQUIPMENT	
1	F17 Amco Disc 13'6"	4,850 00
1	400 bushel Moridge Grain Dryer	7,795 00
1	36' Hub Elevator	1,995 00
2	18' Bale Wagons	1,025 00
2	5035 6 ton Elec Running Gear (less tires)	510 00
2	5026 8 Ton Elec Running Gear (less tires)	580 00
1	7 3 pt Rear Blade (dardwell)	475 00
1	3 pt Shaver Post Driver	695 00
3	Behlen EL 10 (1205 bushel)	825 00
2	6 Barracuda Flail Mower (repossessed)	1,000 00
	LAWN AND GARDEN	
2	830 Riding Mower 8 HP 30" Mower	1,070 00
1	1036 Riding Mower 10 HP 36 ' Mower	1,150 00
1	608 8 hp Tractor w/36" Mower	1,149 00
1	808 8 HP Tractor w/36' Mower	1,395 00
2	811 11 hp Tractor w/42" Mower	1,620 00
1	910 10 hp Tractor w/42" Mower	2,229 00
1	912H 12 hp Tractor Hyd Drive w/42" Mower	2,545 00
1	914S 14 hp Tractor Shuttle Drive w/42" Mower	2,470 00
1	916 16 HP Tractor Hyd Sh Drive w/48' Mower	2,895.00
4	21" Walk Behind Push Mower w/Grass Bag	199 00
1	21" Mulcher Mower	175 00
1	8 HP Walk Behind Tiller	399 00
2	5 HP Walk Behind Snow Blower	525 00
	ATTACHMENTS FOR TRACTORS	
1	30" Rotary Tiller (800 Series Tractor)	299.00
1	36" Rotary Tiller (700 & 900 Series Tractor)	499 00
2	36" Snow Blower (600 & 800 Series Tractor)	369.00
1	42" Snow Blower (700 & 900 Series Tractor)	425 00

US BEDDING CHOPPERS

5 HP CHOPPER
• 68 Knives
$1290

7 HP CHOPPER
• 68 Knives
$1450

7 HP ELEC. START CHOPPER
• 68 Knives
$1550

• Advertised Specials Good Till February 21, 1981

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED EQUIPMENT SPECIALS...

1280 JD Plateless Liquid Planter	$1500
1240 JD Plateless No Fertilizer	$1500
JD 45 3 Bottom 16" Plow	$ 600
JD 54 Spreader, Like New	$2000
NH 469 Haybine	$ 995
NH 270 Baler	$ 995
Int 990 7' M Cond	$ 995

TRACTORS:

MF 25 D Tractor	$1500
Oliver 1755 Diesel	$8500
Ferg TO-20	$1500

COMBINES: CALL FOR PRICES -

1980 JD 6620 Sidehill, 2 Hds , 484 Hrs
1976 JD 6600 Diesel
JD 55 Combine w/2 Heads
1495 Self Propelled Haybine

SPECIALS ON ALL NEW EQUIPMENT — CALL FOR PRICES

JD 850 Tractor
JD 2240 Tractor
JD 2640 Tractor
JD 444 and 643 Cornheads
JD 650 Rake
JD 660 Rake
NH 256 Rake
JD 346 Wire Tie Baler w/Thrower
JD 16A Chopper
JD 1209 Mower Cond
JD 1065 Wagons
JD 1075 Wagons
NH 230 Wagons
30 Whirl-A Feed Blower
9'x6'x9" Blower Pipes
NH 355 Grinder Mixer
JD 2500 6-Btm On Land
JD 2600 4-Btm 18" Plow
JD 1710 11' Mulch Tiller
1000 16½' Field Cult
Also Wagons, Field Cultivators Disks Planters Tillers & More In Stock!

★ Waiver of Interest Where Applicable
★ Old Prices On Machinery In Stock

SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.

Farm Machinery Sales & Service
Rt. 143, Lynnport, PA 18061
PH: 215-298-2011

PARTS DEPARTMENT SPECIAL

10% DISCOUNT ON ALL CASH SALES OVER $25.00

ALSO ON ALL PAID IN ADVANCE FILL-IN TYPE ORDERS OVER $25.00.

NEW EQUIPMENT

JOHN DEERE 2600 4 Btm. 18" Semi-Integral Plow, spring reset with heavy duty cushion coulters.
JOHN DEERE 1250 3 Btm. 16" Integral Plow
JOHN DEERE 235 19' Disc Harrow, wing fold with cushion gang attachment

NEW EQUIPMENT ON SALE. PRICES CASH... TO TRADE

	WAS	NOW
JOHN DEERE 790 Flail Spreader	$3259	$2850
JOHN DEERE 7000 Corn Planter, 4 Row Narrow w/dry Fertilizer and Insecticide Attach.	$7316	$6300
JOHN DEERE Heavy Duty 336 Spring Tooth Harrow 12'	$1315	$895
JOHN DEERE 336T Baler w/#30 ejector	$7550	$6500

USED EQUIPMENT

NH 1010 Bale Wagon in good condition	$3200
NH 1032 Bale Wagon, good condition	$8500
MF 760 Combine, V8 Diesel w/6 row narrow corn head and 15' Grain Platform	$39,500
MF 510 Combine V8 Gas with 4 row wide corn head	$6000
JD 2040 Tractor in Excellent condition, 245 hours	$9200
IHC 806 Tractor, Gas	$6000
IHC 806 Tractor, Diesel w/new rubber, good shape	$8000
JD 2030 Tractor w/146 JD Loader, excellent condition	$10,500

M.S. YEARSLEY & SONS, INC.

110-120 E. Market Street
West Chester, Pa. 19380
215-696-2990

1977 Ford 642 combine, cab, heater & fan, 4-row 38" corn, 13' grain, highest bid over $37,000
1979 IH 55 chisel plow, 11', highest bid over $1700
Both Items to be sold in March
Schuylkill Co.
717-943-2997

FARM EQUIPMENT | FARM EQUIPMENT

NH 320 baler with super sweep, thrower and flotation, 3 yr old , like new
NH 32' skeleton elevator
Columbia Co.
717-356-7376

Ag-Industrial Equip. Co.

ALLIS-CHALMERS | SPERRY NEW HOLLAND | KUBOTA | NEW IDEA | Bullion | GALION | Vicon

OPEN HOUSE
WEDNESDAY, FEB. 18, 1981
10:00 A.M. Till ?

ROAST PIG & BEEF | **SHOW AT 7:30 P.M.** | **DOOR PRIZES**

SPECIAL
NEW AC 5040 TRACTOR 40 h.p. DIESEL
List $9400 Serial No. 473682
SALE PRICE **$6,400**

Large Parts Inventory and Modern Shop Facilities with Factory trained Specialist to Serve You Better.

Sales Department Call
Ed Greenleaf Chuck Huester
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Service Call Peck Ramsay
Telegraph Road, Rt. 273 Rising Sun, Md.
301-658-5568 301-398-6132
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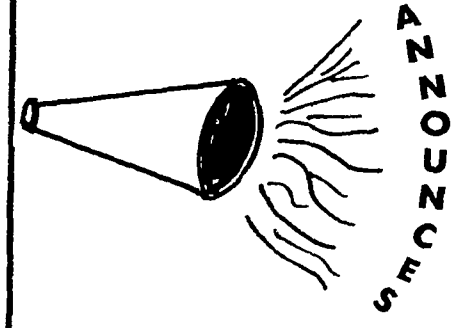
Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA.
Phone: 717-786-3521



CUSTOMER APPRECIATION WEEK
FEBRUARY 16th - 21st

★ **10% Discount On All Cash Parts Purchases**

REFRESHMENTS ALL WEEK

★ **Register For Door Prize: Two Johnson 40 Channel CB Radios** (1 per family)

NOTICE: Call now to reserve your Spring tillage rental tractors or ask about our demonstration policies on new tractors.

COME IN TO SEE OUR LINES OF NEW EQUIPMENT

Case | NEW IDEA | GEHL Gets into your system | BUSH-HOG

OR USED EQUIPMENT LISTED BELOW

TRACTORS
Case 430 D
Case 830 D
Case 1070 D
Case 1370 C A-H
Ford 5000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
JD A
JD 420
AC 5050/400L
AC 7040 C A H
AC 7080 C A H

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
Gehl 87 blower
J D 65 blower
N H 1880 SP
Grove box
IH #51 box
E-Z boxes

LOADERS
Case 1737
Case 1845 G
Case 580 w/hoe
Case 380
Uniloader Grapple
Uniloader Broom
Ford 3400 G
MF 30 D

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

MISCELLANEOUS
Howard 80" rotovator
J D. bar rake
Wetmore grinder
IH 12' disk
MF 3 bot. plow
Oliver 6 bot plow
Soybean extruder

NEW IDEA
Manure Spreaders 212, 213, 214, 224, 218
272 cut-ditioners
#7 corn picker
325/314 picker sheller
404 wheel rake

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

New Idea, Gehl, Hesston, Brillion Dealers

WHILE THEY LAST!
New NI #214-215 trp. btr. Manure Spreader w/gratz web
$3895.00
....
New NI #214-217 sgl. btr. Manure Spreader w/gratz web
$3295.00

New 3 pt Hookup NI Fert. Spreaders

SAVE ON Early Order GOLDEN BOW BALER TWINE SEED OATS AND CALL US ABOUT VIGOR-RATED SOYBEAN SEED

New Pequea Hay Tedders at 1980 Prices

New 801 Uni Power Unit Priced to Sell

BONUS ON New Hesston 1091 Windrowers in stock Also Bonus On New Hesston 6550 12' SP Windrowers

COMFORT GLOW 9300 BTU KEROSENE HEATERS w/Deodorizers

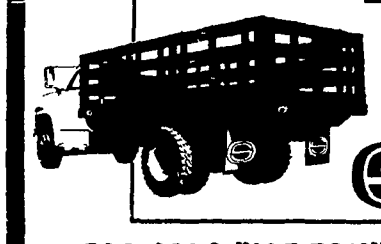
USED EQUIPMENT

NI 213-217 sgl. btr 176 bu. Spreader w/hyd. endgate
NI 212-217 sgl. btr 146 bu. Spreader w/hyd. engate
JD & IH 12' Rotary Hoes
300 gal. 10 row Trailer Field Sprayer
50' Century Sprayer Boom
NI 310 & 323 Corn Pickers
NI 325-327 2RN Corn Picker, very nice cond.
Lamco unloading wagon
IH 12,500 Watt PTO Generator w/trailer
Kory Gravity Bin w/running gear
JD 3020 Gas Tractor
Gehl #72 Flail Chopper, very nice cond.
NH 510 Single Btr. Spreader, Very good condition
Wic Straw Chopper, 3 h.p. electric in stock
Gehl 120 Hydraulic Mix-All, 1000 RPM's
JD 24T Baler w/thrower
705 Uni w/717 Combine, 737 Husking Bed and 738 Corn Head

UMBERGER'S MILL FEED - GRAIN - FARM EQUIPMENT
Dial 717-867-5161 or 717-867-2613 RD #4 (Fontana) - Box 545 LEBANON, PA 17042

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Tough, Dependable City Stake Bodies



Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

NEW IDEA · OMC · SUNFLOWER · LELY · RHINO · Badger · ECHO · BUSH HOG · WALSH · FOX · BRADY

END OF YEAR CLEARANCE SALE

SPECIAL PRICES ON ALL NEW & USED EQUIPMENT

TRACTORS

IHC 154 Cub Low Boy w/Mower
IHC Cub Cadet Tractors w/Equipment all Horsepowers
IH Cub Low-Boy w/mower, plow, disc and cultivator
Farmall Super C w/Wood Saw and Cultivators
Farmall M
Farmall F300
IHC 330 Utility
IHC 544 Tractor
IHC 574 Dsl. Tractor, 913 hrs
IHC 606 Diesel
IHC 656 Diesel
IHC 706 Diesel
IHC 756 Dsl.
IHC 1256 Diesel
JD 1520 Gas
JD 2510 Diesel
Ford 801 Diesel
Ford 850 Gas
David Brown 995 Diesel
Minn. Moline 5 Star Gas
Nuffied 460 Dsl. Tractor

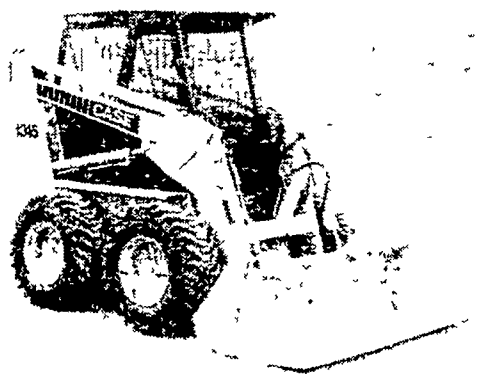
USED EQUIPMENT

IHC 311 3x14 2 pt. Plow
IHC 450 3x16 3 pt. Plow
JD #80 4x16 3 pt. Plow
JD 4x14 3 Pt. Plow
Case 4x16 Semi-Mtd. Plow
IHC Sub Soiler 2 pt.
IHC 470 11'6" Wheel Disc
AC 16'5" Wingfold Disc
IHC 350 10' Wheel Disc
IHC 9A 8' Disc
JD KBA 10' Wheel Disc
Case 7' Disc
AC 16'5" Folding Wing Harrow
JD 16' Folding Wing Disc Harrow
IH 470 11'6" Disc Harrow
IHC #10 16x7 Grain Drill, like new
JD 15x7 Van Brunt Grain Drill
JD 1240 4R Plateless Corn Planter
JD 494A 4R Planter w/Insect.
JD 290 2R Planter
IH 449 4 Row Planter w/Insecticide
IHC 249 2R Planter
IHC 58 6R Corn Planter
IHC 46 Baler
IHC 47 Baler w/thrower
JD 24T Baler w/thrower
MF 12 Baler w/thrower
NH 269 Baler w/thrower
Hesston Hay Stacker 3 ton
Hesston #10 Haystacker (New)
Fox 3000 Forage Harvester
IHC 650 Forage Harvester
JD 34 Forage Harvester
JD 35 Forage Harvester w/2 row narrow head
IHC 350 Forage Harvester
IHC 225 Windrower 10'
Hesston 1014 Hydra. Swing Windrower
OMC 217 9' Windrower
Gehl 440 9' Windrower
NI 270 Cut/ditioner 7'
NH 479 Haybine 9'
NH 404 Hay Crusher
Brady 608 Flail Chopper
Bearcat 72A Flail Chopper
IHC 1000 Sickle Bar Mower
NI 702 Gas Uni
NI 710 Uni Combine
NI 726 Uni Husking Bed
NI 729A Corn Sheller
NI 738 4R Narrow Uni Corn Head
NI 731 4R Wide Uni Corn Head
NI 734 3R Wide Uni Corn Head
NI 711 Uni Platform
IHC 234 Mtd Corn Picker
NI 323 1R Corn Picker
NI #7 1 R Corn Picker
NI 324 2R Corn Picker
NI 6A 2R Corn Picker
MF 35 Combine w/8' Platform
Oliver 17 Pull Type Combine 7'
IH 205 Combine
AC 66 Combine, Pull Type
NI 213 170 bu. Spreader
NI 212 145 bu. Spreader
JD 34 Spreader
IHC 580 10 ton Tandem Axle Spreader
Homemade 2200 gal Liq. Manure Tank
Papec 140 14' Forage Box
Coby 4000 Forage Box
Gehl 14' Forage Box
Lamco 14' Forage Box
Brady 512 Feeder Wagon
Dunham Lehr 22 Quick Tach Loader
Gehl 2500 Skid Loader
IHC 2000 Loader
IHC 2250 Mount-A-Matic Loader
NI 503 Loader
IHC 56 Blower
JD 65 Blower
Kools 60" Blower
Hanson 300 gal. Sprayer
Century 200 gal. Sprayer
Walsh 500 gal. Sprayer
5 H.P. Electric Motor
NH 12' Fertilizer Spreader
JD 8' Fertilizer Spreader
IHC 1250 Grinder-Mixer w/scales
IHC Cub Cadets w/mowers
Gerber 3 bu. PTO seeder-spreader

IHC 460 TRACTOR w/2000 LOADER A-1 CONDITION

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533



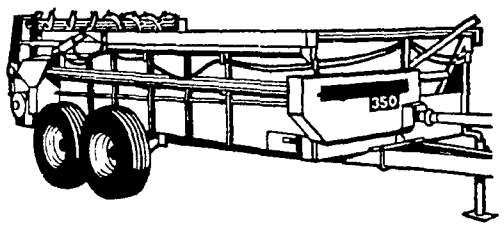
ATTENTION! Farmers & Contractors! Why Not Trade Up To A

SUPER 45 H.P. CASE DIESEL UNILOADER

Trade that farm loader tractor or x-brand skid steer loader and you too can be a satisfied customer of Binkley & Hurst Bros. Inc.

P.S. — If this machine is too big try a Gehl 40 hp. water cooled with gas engine which also offers hand controls for ease of operation.

SMOOTH SPREADING...



THE KNIGHT SPREADER

Equipped as follows: top beater, endgate with dual cylinder hose to tractor, Gratz double web-worm gear drive, copper-bearing corrosion resistant box, tandem on 10:00x20 tires

1 Only at $5609. our lot

Looking For A Bargain? Don't Miss This One!

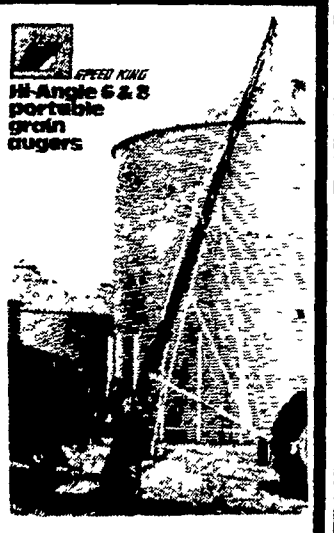
NEW CB 800 HARVESTER w/6 Ft. HAY PICKUP

2 row narrow or wide row, low profile head, hydraulic spout control, cylinder and hose to tractor, also cylinder and hose for lift.

All This For Only $9998.

1 Used **100 GEHL MIX-ALL w/Hydraulic Drive**

SPEED KING AUGER TRANSPORTS WITH FLEXI-BOOT HOPPER



INVENTORY CLEARANCE ON WEATHERED UNITS

6"x27" PTO, 3' down spout
8'x27' Electric, 3' down spout
8"x34' Electric, 3' down spout
8"x41' Electric, 3' down spout
8"x53' Electric, 3' down spout
8"x53' PTO, 3' down spout
8"x60' PTO, 5' down spout
8"x60' PTO w/corn screen, 3' down spout
10"x51' PTO, 3' down spout
10"x61' PTO

See Us For
QUALITY USED TRACTORS
We Have A Good Selection

★ If You Order Now With A Trade-in or Small Down Payment There Will Be No Payments Or Interest Till After May 1, 1981
★ We May Have What You're Looking For!

Spread Your Fertilizer This Spring With A
E.Z. FLOW 3 PT. MODEL 106 FERTILIZER SPREADER
With Agitator and Hopper Capacity Of 700 Pounds

Reg. Price $558
THIS WEEKS SPECIAL PRICE $469

case IH **BINKLEY & HURST BROS.**
133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

FARM EQUIPMENT

NI 702 Diesel Uni Power Unit
NI 213 Spreader
NI 291 mow/ditioner
NH 479 Haybine
12 EZEE FLOW Fert Spreader
AC 150 Farm Loader to fit AC D15 Tractor
AC 460 Farm Loader to fit AC 160 Tractor

WATCH FOR OUR OPEN HOUSE COMING TUES AND WED FEB 24 & 25

ROY H. BUCH INC.
Ephrata
717-859-2441

FARM EQUIPMENT

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone 717-263-0705
Sales - Parts - Service

LONG

New Long 510DT 4WD
New Long 360
New Long 310
Long 60 3 pt rotary lawn mower
Ford 9600
2 Ford 9000
Ford 8700
Ford 8600
Ford 8000
Ford 6000
4 Ford 5000
Ford 4500 backhoe
Ford 4000 SOLD
Ford 4000 S U
5 Ford 3000
Ford 2000
Ford 901
Ford 801
Ford 2 btm 101 plow
Ford F100 Pickup 73
Ford Jubilee
Ford 8N
JD & Ford weights
Roadless 95 4WD
Int 706
Int 656
Int 574 1w/hydro
Heat Houser for 656
Used JD 4020 cabs
5 JD 4020
JD 4020 $6900
JD 3130
2 JD 3120
8 JD 2120, New w/145 loader
JD 2030
3 JD 2020
Used JD cabs for 1020, 2020, 2030
5 JD 1120
D2 Cat crawler
Jaegar irrigation pump MF 65

¼ Mile East of Exit 6 I-81

FARM EQUIPMENT

A 1 USED EQUIPMENT

TRACTORS
1965 IH 706 Dsl Eng
1961 Case 811 Gas Eng
1959 IH 560 Gas Eng
1973 IH 140 std w/ Cult & S D
1951 Oliver 77 RC w/Cult
IH Cub Cadet 106 w/ Mower

TILLAGE TOOLS
A C Disk Harrow 15 ft
IH Disk harrow 13 ft 10 in
White Disk Harrow 16 ft 4 in
Ford Disk Harrow 16 ft
Oliver Disk Harrow 12 ft
Ford Disk Harrow 18 ft
IH 2-way Plow 4/B-18 in

SPRAYERS
John Bean 25TRC - 500 gal
John Bean 1010 DDT 250 gal

MISCELLANEOUS
N H Mower-Conditioner 9 ft
M F Grain Drill 22x7
J D Grain Drill 20x7

FARM-RITE, INC.
SHILOH-COHANSEY RD
SHILOH, N J
08353
Phone 609-451-1368

WHITE Farm Equipment

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

REFRESHMENTS WILL BE SERVED

OPEN HOUSE
BIG 1-DAY SALE
OF LONG
TRACTORS & IMPLEMENTS

February 9th 8 a.m. till 8 p.m.

The Long line of affordable farm equipment is now even more affordable during our "Big One-Day Sale. You can save up to 25% or more over our normally low prices.

CHECK THESE SPECIALS!!!

	LIST	SALE
310 DT P.S. 28 hp	$8132.00	$5769.00
510 48.5 hp	9563.00	6032.00
610DT 64 hp	14259.00	9206.00
IMPLEMENTS		
1085-5 Disc 13'6"	3434.00	3072.00
48" Rotary Mower	967.00	871.00

PLUS MANY MORE BIG SAVINGS!

AT **CANYON IMPLEMENTS INC.**
RD #1 MANSFIELD, PA 16933
ROUTE 6
PHONE 717-724-2731

WOOD STOVE GIVEAWAY
Buy Any New Piece of A.C., N.I., Long or N.H. Equipment on Feb. 9th At Canyon Imps. & be Eligible To Win A $900.00 Long Wood Stove.

FARM EQUIPMENT

COMBINES
JD 4400 Gas w/Cab, 13' Platform w/Pickup Reel
JD 4400 Diesel [SOLD]0 hours, Rotary Screen, Cab and Air, 13' Platform w/Pickup Reel
JD 6600 Diesel Hydrostatic, Cab & Air, 13' Platform w/Pickup Reel
JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
Gleaner K w/cab & 12' platform
Late Model IH 715 w/cab, 13' Quick- Tach grain table, very nice
GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS
Ford 3000 Dsl. w/ (SOLD)
Ford 7600 Cab & Air 1100 hrs.
Allis Chalmers 7000 w/cab and air, power shift, 700 hours
AC 185, like new 40([SOLD])
JD 4520 D Power Shift
JD 4320D w/Cab & Air
JD 4430 Cab, Air, Quad
JD 4430 4 Post RG, PS
JD 4430 Cab, Air Power Shift 1977 Model
JD 4230 Quad Range
(2) JD 4230, Cab, Air, Quad Range, Power Shift
JD 4030 4 Post RG, QR
JD 4020 D, Side Console w/Cab WF
JD 4020 Dsl. Pc([SOLD]) ft & Synco Range
JD 4020 Gas WF
JD 4010 Dsl. WFE w/Cab
JD 2630 Dsl. Excellent
JD 3020 Dsl.
JD 2510 Gas WF
JD 2030 Dsl. Utility
IH 1468 Cab & Air
IH 1066 w/Cab & Air
IH 574 w/2050 Loader
IH 1256 Dsl. WF w/Cab Very Nice
IH 1256 D WF
IH 756D
IH 706 Dsl. 3 pt ([SOLD])
IH 806 Dsl. WF 3 pt, very nice
IH 656 Dsl. WF
IH 656 Gas WF

TRACTORS
MF 1085 D WF
MF 165D ([SOLD])ader
JD 50 ([SOLD])

BALERS
JD 346 Wire w/Thrower
JD 336 w/Bale Chute, (New)
JD 24T w/Thrower
NH 268 w/Thrower

HAYBINES
NH 479, Like New
NH 489
NH 477
NH 467

CORN PLANTERS
JD 1240 Plateless
JD 7000 4R Narrow
JD 494A 4 R([SOLD])

DISCS
IH 37 8'
IH 46 11'
IH 500 12'
Proven Rock Discs
JD BWF 14'
JD BWF Wingfold 16' 6" & 19'10"
Also JD AW 12' & 14'
JD BW 19'6" New Blades

PLOWS
IH 700 4 Btm.
IH 550 5 Btm.
JD 1450 5 Btm. 16" or 18"
JD 145 3, 4, & 5 Btm.
JD 2600 7 Base Spring Reset

JOHN DEERE 4430 Diesel Tractor, Power Shift, 4 Post Roll Guard, Very Good Condition
$15,850.00

MISCELLANEOUS EQUIPMENT
JD 48 Loader, independent hydraulic controls and manure tine bucket
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
JD 30 ejector fits 346 & 336
Gehl 72 Flail Harvester, Very Good
NI 299 Cut/ditioner, Like New
John Blue Traction Drive Sprayer
Schramm Model #105 Air Compressor
IH & JD 4 & 6 Row Cultivators
Cab to Fit JD 30 & 4020
Cab to fit IH 766 Thru 1466

GUNTHER HEUSSMAN INC.
So 5th St , Emmaus, Pa 18049 215-965-5203

M & R EQUIPMENT, INC.

New Park, PA
4 Mi. E. of Stewartstown, PA
Ph: 717-993-2511
Red Lion, York, Brogue, Loganville
Ph: 246-1972
Residence 301-452-8693
after 6 P.M.

OPEN HOUSE
February 16, 17 & 18

10% DISCOUNT ON ALL PARTS PLUS 2% CASH DISCOUNT (except special priced items & emergency orders).
BUY $300 OR MORE IN PARTS PURCHASES AND YOU QUALIFY FOR A 10% DISCOUNT ON **IH OVER THE COUNTER PARTS** THROUGH 1981
(accounts must be kept current).
LUNCH SERVED ON 18th — MOVIES, DISPLAYS, DEMONSTRATIONS

OPEN HOUSE SPECIALS

IH HAY & FORAGE EQUIPMENT
Fast Becoming an Industry Leader! Sale Prices On - 830 Forage Harvester, 720 Forage Harvester, 425 Baler, 1190 Mower Conditioner, 35 Hyd Rakes, 130 Forage Boxes (18')

Coming - 435 Baler, 1300 Mowers, 56 Blowers

Rebates Up To $800 Are Available This Month or Waiver Of Finance Call For Details!

TILLAGE
TILL UP NOW FOR SPRING!
YOU WON'T BEAT OUR DEALS!

720 Plow - 5x18", 720 Plow - 5x20", 475 Wing Disc - 17'5" - 22" blades, 510 Plow - 3x16" Semi-Mtd , 420 Plows - 2 & 3 Bottom, 5500 Chisels, 4500 Vibra - Shanks, 350 Disc - 10'3", 770 Offset - 12'5", 122 Disc - 5'6" - 3 Pt

OPEN HOUSE

C.B. HOOBER & SON, INC.

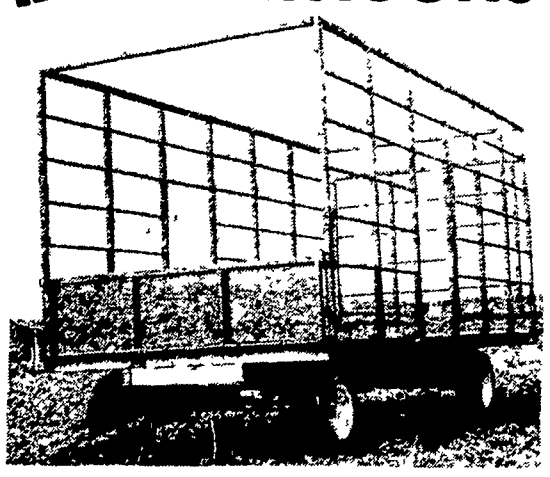
FEBRUARY 9 THRU FEBRUARY 14

Monday Thru Friday - 7 a.m. to 5 p.m.
Saturday 7 to Noon

AGRI-CULTURE DAYS

OPEN HOUSE SPECIALS

RUGGED STEEL BALE WAGONS



SPECIAL PRICE

IH OIL

ONE GALLON
ONLY **$3.95**

★ With Purchase of any 5 gallons of Lubricants
★ 10W Oil While Supply Lasts

OIL FILTER SPECIAL:
SAVE 25%
ON CASE LOTS

	Reg.	SPECIAL
LOW ASH		
Qt.	$ 1.65	$ 1.30
Gal.	$ 6.40	$ 5.10
5 Gal.	$ 31.00	$ 24.80
55 Gal.	$317.00	$253.60
#1 ENGINE OIL		
Qt.	$ 1.60	$ 1.25
Gal.	$ 6.30	$ 5.00
5 Gal.	$ 30.25	$ 24.25
55 Gal.	$308.00	$246.40
HY TRAN		
Gal.	$ 6.05	$ 4.85
5 Gal.	$ 29.40	$ 23.50
55 Gal.	$299.00	$239.20

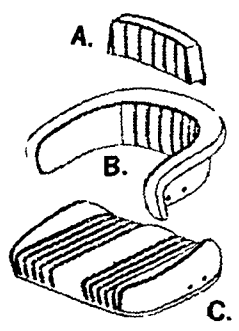
IH MODERN SEATS AND COVER

Fits:
- H
- M
- 300
- 400

REPLACEMENT SEAT CUSHIONS

10% OFF
Just a Sample of Prices.

A. 1131703R1 . . . . . $ 8.59
B. 1131704R1 . . . . . $19.30
C. 1131702R1 . . . . . $23.59



IH MULTI-PURPOSE GREASE

TUBES

Case of 50 — Reg $56 00 — SAVE $14 00 — SPECIAL **$42.00**

Carton of 10 — Reg $11 20 — SPECIAL **$8.95**

GUN Only **$5.95**

35 Lbs. — Reg $36 80 — SPECIAL **$31.25**

DELUXE COMFORT SEATS

LESS 10%

"New" 86 Series Seat Assembly
To Fit Your Older Model Tractor

Seat Assembly w/full Suspension . . . . . Only **$349.95**

Replacement Seat Assembly for Vertical Acting Suspension. . Only **$149.95**

BRIGGS & STRATTON ENGINES

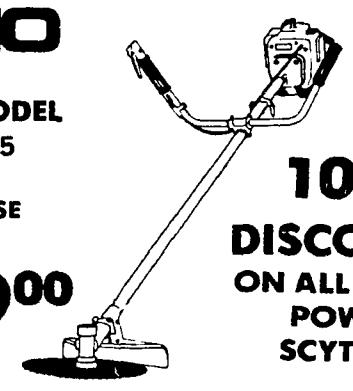
3 H.P.	$ 89.95
5 H.P.	$109.95
5 H.P., Gear Reduction	$139.95
8 H.P.	$199.95
16 H.P.	$399.95

UP TO 15% OFF ON ALL LAWN MOWERS IN STOCK

- IH Cub Cadets & Lawn Tractors
  11 H.P. CADET with 44" Mower
  Price: **$1850.00**
- Lawnboy Mowers
- Hahn Mowers
- Hahn Tillers

ECHO

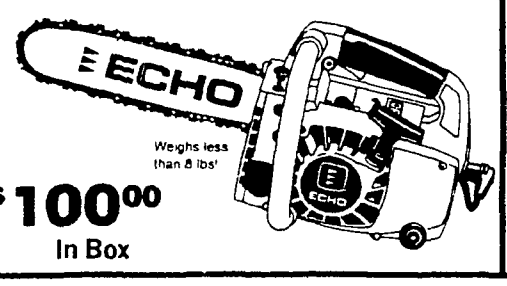
302A DX MODEL
List $369.95
SPECIAL OPEN HOUSE PRICE
$299.00



10% DISCOUNT ON ALL OTHER POWER SCYTHES

10% OFF ALL CHAINS AND ACCESSORIES

ECHO MODEL 280 CHAIN SAW
With 12" Bar
SPECIAL OPEN HOUSE PRICE
$100.00
In Box



TURN THE PAGE FOR MORE SPECIALS

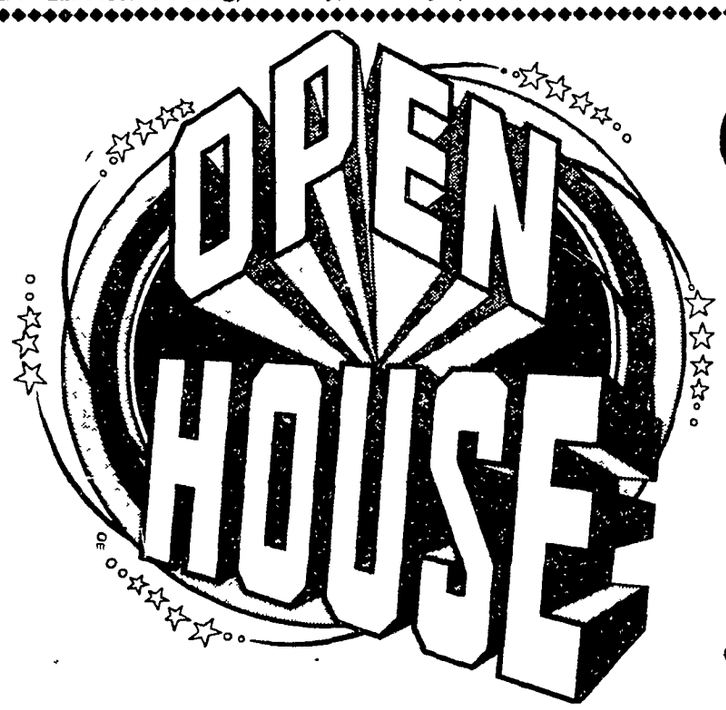
ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA



C. B. HOOBER &

FEBRUARY 9 THRU F

STOP BY & SAY HELLO!
See Our Informative & Entertaining Programs and take advantage of our special prices.

MONDAY
SATURDA

STEIGER · RAUSE · DUNHAM LEHR · IH

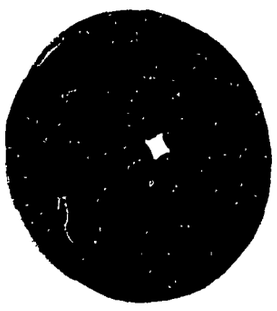
FUL
LA

FREE COFFEE AND DONUTS

SPECIAL PARTS DISCOUNTS ON EVERYTHING... UP TO 50%!

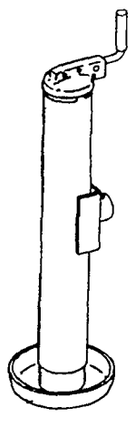
TILLAGE PARTS

DISK BLADES



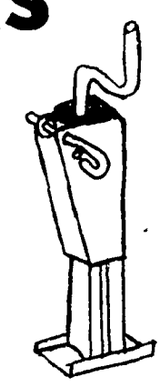
	Reg.	SALE
9318½-18"...7/8" square hole..7 ga.	$18.45	$14.95
14381½-20"...1-1/8" square hole...9 ga.	$18.77	$15.32
472217R1-20"...1-1/8" square hole...8 ga.	$20.14	$16.42
482975R1-22"...1-1/8" square hole...6 ga.	$26.84	$21.91
472218R1-22"...1-1/8" square hole...7 ga.	$26.44	$21.57
1022-C25-22"...1¾" round hole...¼" thick	$30.49	$24.45
226515-PD-22"...1½" round hole...5/16" thick	$32.84	$26.50
248017-PS-24"...1¾" round...5/16" thick	$54.88	$43.95
Disk Harrow Bearing -ST491A	$29.95	$23.62

HITCH JACKS



$15 Heavy Duty Equipment Hitch Jack

Baler Jack $9.95



17" PLOW COULTER
Reg. $19.19
SPECIAL
$15.65

SPECIAL PRICE ON IH PLOW PARTS

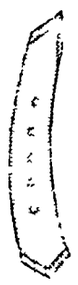
CHISEL POINTS

THREE PIECE
MOLDBOARD Reg. $10.60 SPECIAL $9.00

FROG Reg. $6.35 SPECIAL $4.00

POINTS Reg. $5.98 SPECIAL $5.00

SINGLE PIECE



3/8 Thick
594545R1.... Reg. $9.39 Special $5.95
594546R1.... Reg. $9.39 Special $5.95
½ Thick
1235L..... Reg. $9.65 Special $7.75
1235R..... Reg. $9.65 Special $7.75

HEAVY DUTY
Regular $21.60
SPECIAL $17.25

H

NEW

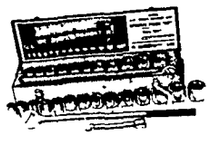
N

ALSO
- IH 5100 Grai w/Soybean Sp Package & Ro Weeder-Seed
- IH 1190 Mow Conditioner
- IH 3388 2+2 Tractor

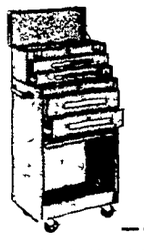
13,000

YOU
$AV

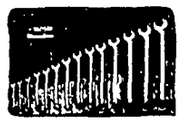
10% DISCOUNT TOOL SPECIALS



15 PIECE ¾" DRIVE SOCKET SET
Contents—Twelve ¾ drive regular length sockets (7/8 2) 8 extension 24 reversible ratchet sturdy metal box
SPECIAL $99.95
Reg. 168 38



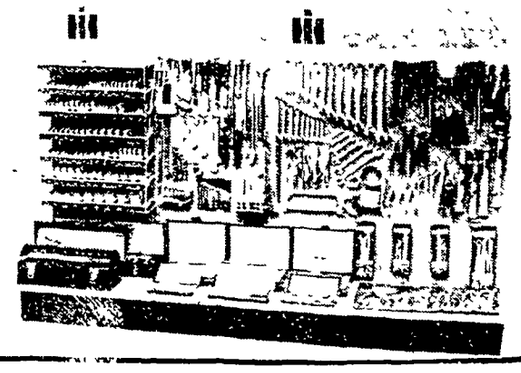
14 PIECE COMBINATION
Contents— Fourteen combination wrenches (3/8 1¼) plastic pouch
SPECIAL $75.00
Reg $103 50



Two Drawer Chest and Rollaway
HANDY AND ECONOMICAL
Features—Abrasion resistant wrinkle finish easy glide two piece draw slides stainless steel hinge pins rugged cylinder locks two keys
SPECIAL Both $149.95

12 FOOT POWER LOCK TAPE
No 999 129 R1
List $10.50
SPECIAL
$7.45

A FULL LINE OF IH TOOLS
★ LIFE TIME GUARANTEE



ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETT

C. B. HOOBER & SI

INTERCOURSE, PA (717) 768-8231 AUTHORI

...BER & SON, INC.

...9 THRU FEBRUARY 14

...LO!
...rams and
...s.

MONDAY THRU FRIDAY, 7AM to 5 PM

SATURDAY, 7 to NOON

WISCONSIN

AGRI-CULTURE DAYS (SM)

...UNHAM LEHR

FULL LINE OF LAWN & GARDEN EQUIPMENT

LAWN-BOY ECHO Hahn McCULLOCH

4 CYCLE BRIGGS & STRATTON

...OUNTS
...!

...POINTS

...IECE
SPECIAL
$9.00

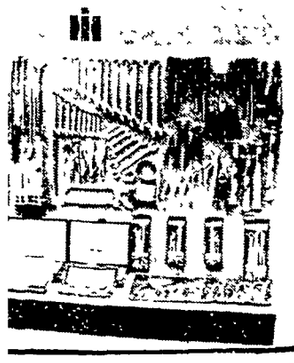
POINTS
Reg. $5.98
SPECIAL
$5.00

...LE PIECE

$9.39 Special $5.95
$9.39 Special $5.95

$9.65 Special $7.75
$9.65 Special $7.75
$9.65 Special $7.75

...Y DUTY
...ar $21.60
$17.25



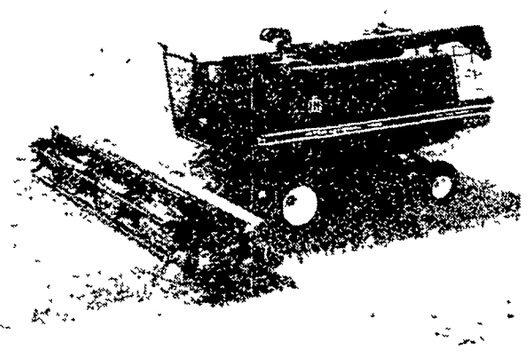
DOOR PRIZES

FARMER'S DAY - THURS. FEB. 12

FEATURING

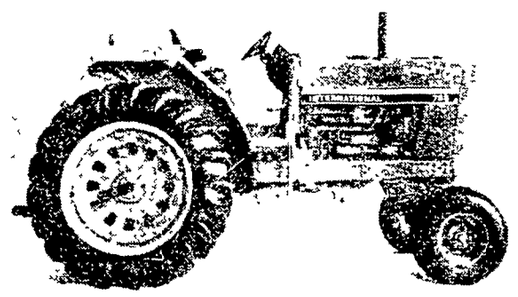
FREE LUNCH At 12:00 NOON

HOOBER EQUIPMENT SHOW



NEW IH 1420 AXIAL FLOW

NEW ST 225 BEARCAT III

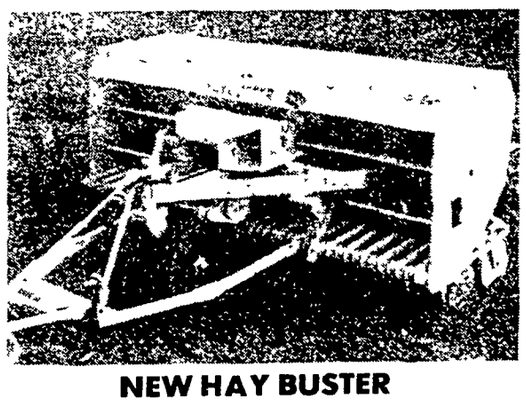


NEW IH F-786

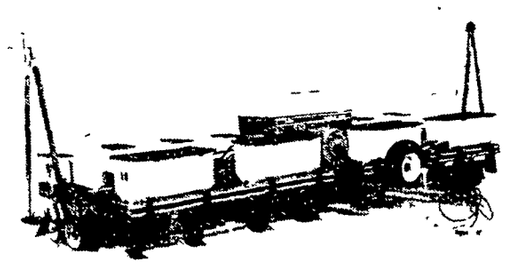
NEW FARM PRODUCTS BUILT FOR THE 1980's

ALSO:

- IH 5100 Grain Drill w/Soybean Special Package & Rolin Weeder-Seeder Hitch
- IH 1190 Mower Conditioner
- IH 3388 2+2 Tractor



NEW HAY BUSTER
NO-TIL GRAIN DRILL



NEW IH 800
EARLY RISER CORN PLANTER

ALSO:

- Krause 1924 Rockflex Disc w/Sprayer Kit & Mulchers
- IH 484D Tractor w/ Quick Attach Loader
- IH F 1086D Tractor w/Kuker Side Mounted Sprayer & Disc Harrow Chemical Incorporated Equipment

13,000 Sq. FEET ▶ LARGE INDOOR DISPLAY ◀ 13,000 sq. FEET

YOU $AVE

BECAUSE HOOBERS BUYS LARGE VOLUMES OF PARTS - MORE THAN $1,250,000. IN 1980!

...CONTROLLED TRUCKS FOR BETTER SERVICE

...HOOBER & SON INC.

...SE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA

TURN THE PAGE FOR MORE SPECIALS ▶

OPEN HOUSE

C.B. HOOBER & SON, INC.

AGRI-CULTURE DAYS

FEBRUARY 9 THRU FEBRUARY 14

Monday Thru Friday - 7 a.m. to 5 p.m.
Saturday 7 to Noon

SPRAYER HEADQUARTERS

BLUE

Say DELAVAN... for dependable agspray hardware!

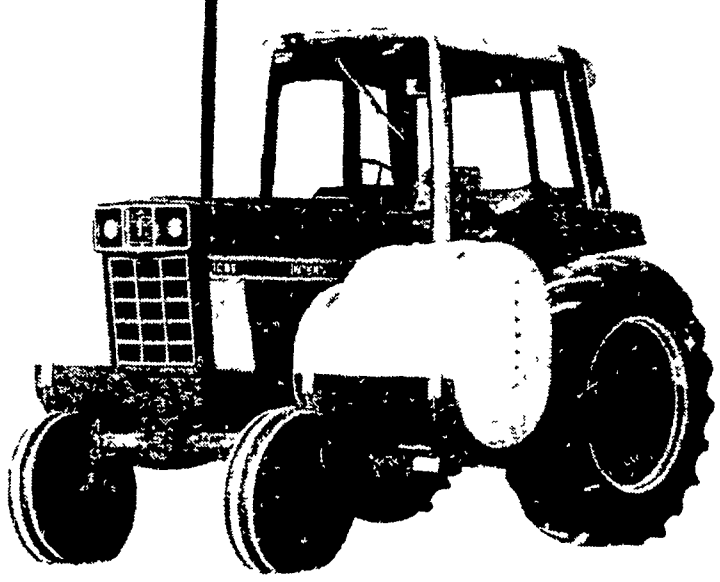
FMC BEAN.

THE Kuker LINE

See On Display All Week:

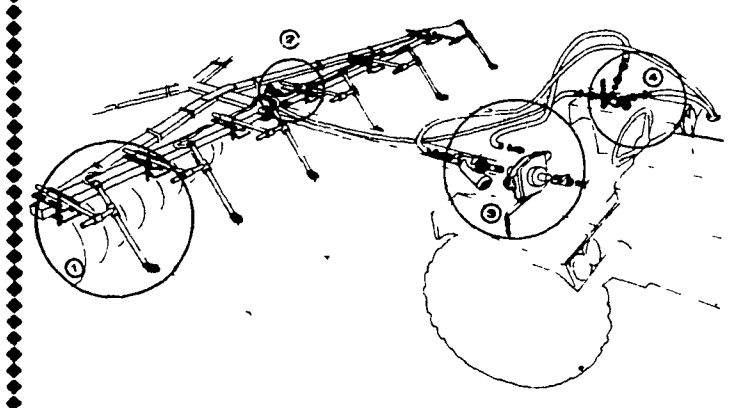
- ★ KUKER — 200 Gallon Saddle Tanks on F1086D with Quick Attach brackets.
- ★ KUKER - 300 Gallon Trailer Sprayer
- ★ BLUE SPRAYERS - Stainless Steel Trailer Sprayer w/Ground Driven Pump.
- ★ FMC-BEAN- D020 - 300 SS Trailer & 1229 3 Point Hitch Airblast Sprayer
- ★ COMPLETE LINE OF PACER AGRICULTURAL TRANSFER PUMPS

KUKER 400 GAL. SIDE MOUNT SADDLE TANKS



◄ NEW QUICK ATTACH BRACKETS ON ALL SIDE MOUNTED TRACTOR SPRAYERS FOR EASY ON & OFF

WE SPECIALIZE IN CHEMICAL INCORPORATION SYSTEMS



INCORPORATION DISK HARROW KITS

6 ROW . Reg. 192.10 .	$153.50
4 ROW . Reg. 137.55 .	$109.95
2 ROW Additional Reg. 65.10	$ 51.95

20% OFF ON ALL SPRAYER ACCESSORIES

PACER DOUBLE ACTING PLASTIC HAND PUMPS

- Can Handle Most Chemicals
- Non-Corrosive

$49.95

KUKER MIXING TUB

Eliminates dumping chemicals into the sprayer tanks. Used in conjunction with a transfer pump to make your mixing job easier.

15 Gallon - Price: $149.95

Turbo-90 Pumps

Centrifugal Pump/ Hydraulic Motor

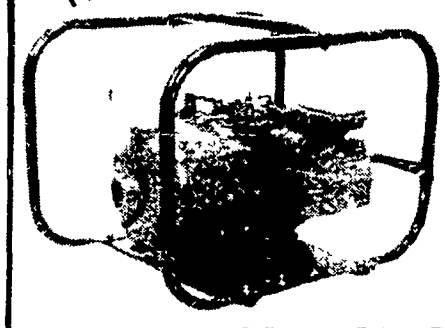
Roller Pumps

PUMPS

- ★ CENTRIFUGAL TURBO 90
- ★ CENTRIFUGAL GEAR DRIVEN
- ★ CENTRIFUGAL BELT DRIVEN
- ★ CENTRIFUGAL HYDRAULIC DRIVEN
- ★ ROLLER PUMP
- ★ WITH ALL REPAIR PARTS IN STOCK

SELF PRIMING

PACER PUMP



1½" x 3 HP
2" x 3 HP
2" x 5 HP
2" x Hyd. Motor

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA

LONG WENGER'S INC. LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

PHONE:
DAYS: 717-866-2135
NIGHTS: 717-866-7147
OR: 717-273-9089

NEW YORK STORE PHONE 315-549-7140 (Preferably Evenings)

CONSIGNMENT AUCTION
THURSDAY FEB. 12

SUPER GOOD DEALS ON NEW LONG TRACTORS & EQUIPMENT. WE CANNOT BE BEAT. LIMITED TIME ONLY CALL NOW!

ON STOCK: 800 USED TRACTORS IN OUR SALVAGE YARD FOR PARTS - Best Selection Anywhere!

WE PRICE OUR TRACTORS TO SELL CHECK THESE REASONABLE PRICES

FARMALL

1066 - Cab - Air	$10,800
1066 Hydro	$8900
100 Hydro Cab	$10,000
856 - Nice	$7950
826 Gear	$7850
826 Hydro	$8250
806 Cab	$6500
(3) 806 Hi Clear	$4000
70 Hydro	$9500
656 Hydro - Hi Utility	$3700
656 Hydro	$5650
706 Gas	$3850
560D - WF	$2800
(3) 560D - Try	$2500
560 G	$2250
460 G WF	$2000
450 D	$2000
450 G	$1500
504 D	$1800
2404 w/Mower	$6000
Cub w/Cult	$2875
230	$1075
100	$1875
340 Utility	$1500
Super C	$1450
MD	$1500
MTA - D	$1600
M	$800
656 D-Hydro	$6000
H	$700
Cub w/Cult	$1500
806D	$6800
1468 Cab - Air Duals	Wts
Nice	$14,750
1066 Cab - Air	$11,500
806D	$4800
674 w/Loader	$8900
706 G	$3900

CASE

(2) 1030	$5400
930	$5400
(2) 930 Standard	$2800
DB 990	$3500
1030	$4900
930 - Turbo	$4900
1030	$4500
830	$5400
1212	$6200
1370 4 Post	$12,000
730	$3500

FORD

9600	$9800
8000	$6900
5200 Cab	$7500
5200	$4950
4000	$3500
8N	$1250
9700 Cab Air	$16 900

JOHN DEERE

4430 - Cab - Air	$17,500
4320 - Nice	$10,900
4020 - Console - P Shift	$9750
4020 - P Shift	$8500
4020 Syncro	$6000
3020	$6500
1520	$6900
(2) 820	$2900 & $3300
730D	$2000
730G	$2500
720	$1750
70D	$1500
70G	$1500
4020 - Gas	$4850
4020 P Shift	$7500

MASSEY FERGUSON

1155	$9500
1150	$7500
1105 w/Duals	$8750
1085 - Cab	$8750
1130	$6500
265	$7750
175	$4850

LONG

(2) 510 Crawlers - New	$10,900
610 - 4WD - New	$11,900
560 - 4WD - New	$8750
560 - 4WD	$5000
560 - Demo.	$5800
310 - 4WD New	$7950
310 C - New	$6750
310 - New	$6000

OLIVER

2655 - 4WD	$9800
1955	$8750
1950	$7000
1855	$7750
1850	$6900
1800 - 4WD	$7000
(2) 1755	$6900
770	$1500
2255	$10,900
2050	$6900
1800D	$4250

M.M.

GTB	$1350

ALLIS CHALMERS

190XT	$5700
185 Cab	$8500
160	$4500
WD	$650
D12 - 3 Pt	$2000
190XT - Cab	$6500
170	$6500
190XT	$4800

TRUCK TRACTORS (All Diesel)

1970 Dia Reo conv screw	$9500
1969 Dia Reo Sleeper screw	$3800
1968 F Mack Sleeper screw	$2800
1976 Ford 700 Louisville single	$13,000
(2) 1974 Ford Louisville single	$10,500

(14) CARS & PICKUPS

ROLLBACKS

1979 Int 2500 Tandem 290 Cummings 1110 Trans Double P S	
New Jerr Dan 26' Rollback Built Super Heavy	$48 500
1975 Int 2050 Tandem-Cat 225 Diesel 10 speed R R New 26' Jerr Dan Rollback Heavy Duty	$23 750
1969 INT w/24 Rollback Nice	$8500

COMPLETE RUNNING GAS & DIESEL ENGINES

Case 930	$2250
656 Farmall	$3250
560 Farmall	$2150
450 Farmall	$1500
1130 MF	$4750
4020 JD	$4850
806 Farmall	$3500
5000 Ford	$3750
8000 Ford	$4750
1030 Case	$3500
1755 Oliver	$4750
Int 1066	$6900
Int 826 - 310 German	$5900
Int 706 Gas	$2250
Int 560 Gas	$1450
Int 460 Gas	$1450
Int 450 Gas	$1000
Int 504	$1350
Int 230 & Super C	$675
Int MD	$850
Int M Gas	$600
JD 4020 Gas	$3500
JD 3020	$4500
JD 720 & 730	$1500
JD 730 Gas	$1500
MF 1150 V8	$5500
MF 175	$3500
AC 190XT	$4500
AC WD	$500
Oliver 770	$1200
Oliver 1850	$5000
Oliver 1855	$5350
Ford 4000	$2800
Ford 8N	$750
Ford 9N	$750
Long 560	$4000

LOTS MORE

FORKLIFTS

Ford 30' Diesel	$12,500
JD 2010	$5950
Int 340	$4950
Yale 3000 Lb	$3950

TRAILERS

1969 Great Dane 35 ton detachable	$13,750
New HD10 2½ ton	$1800
(3) New HSE14 4 ton	From $1450
New HSM14 6 ton	$2100
New HSL14 6 ton	$2450
(5) New HTR16 8 ton	From $3250
New HTRB18 18 ton	$5875
New 2 Axle Trailers	$1250
1976 Gooseneck 3 axle w/tilt top	$4950

CRAWLERS

JD 450 6 way dozer	$12,750
Cat 941 loader	$16,500
(2) Cat 933 loader	$5750 $7750
Cat 933 Swamp loader	$8750

MISC. CONSTRUCTION

JD 350 Winch	$300
Int TD9 Winch	$500
Davis DH5 trencher New Diesel	$14,500
JD 420 winch	$600
New winch	$1000
(6) Sweeper attach	From $95
(40) Used hoe buckets	From $150
(25) Loader buckets	From $95
New landscape boxes	From $425
(4) Set forklift forks	From $195
Sheepsfoot Roller	$1750
Cat D2 Winch	$650
JD 1010 Winch	$250
Air Compressor (Garage Type) - Like New	
5 HP	$1750
4 Cyl Detroit Diesel Powerunit	$3250
Mich 55 4WD Loader	$8500
Hough 50C 4WD Loader	$8500

DUALS (HUBS EXTRA)

15 5x38 Axle	$275
14 9x38 Axle	$575
(3) 18 4x34 Axle	$500-$700
16 9x38 Axle	$750
(7) 18 4x38 Axle	$575 - $675 - $750 - $775 - $900 $975
18 4x38 Snap On	$500
(3) 18 4x38 Factory Axle MF	$1000 $1350 - $1500
18 4x38 Factory Axle Ford (New)	$1800
20 8x38 Factory Axle JD	$1950
18 4x38 Factory Oliver	$1350

Lots Of New Duals On Stock

CHISEL PLOWS

Athens 13' pull	$1475
Kewanne 9' pull new	$1475
Athens 10' 3 pt new	$1375
Glenco 9' Soilsaver	$3400
(10) Field Cult	From $595

COMING IN

Farmall Super M	$1250
Farmall 706D	$4500
IH TD6 Dozer	$1750
Case 1370 4 Post	$12,000
MH Pony w/cultivator	$1350
Farmall M	$1075
Fordson 5000 MAJOR	$1500
J D 4320	$10,900

SKIDDERS

Franklin 160B	$8750
Franklin 133B Pack N Back	$7750

DUMPS - CONSTRUCTION

1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel Very Nice	$14,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel Very Nice	$14,750

DUMPS - FARM

1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel	$16,750
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent	$4500

BACKHOES

Long 3 pt Hoe-new	$4500
Long 5 in 1 w/cab & crane	$17,500
(2) JD 310	$9500 & $10,500
Ware Hoe Attach	$2750

PLOWS

Ford 2X 3 pt	$350
AC 2X Rollover - SC	$300
White 6x18 reset	$5000
Int 5x16 Reset	$3250
IH 4x18 semi-reset	$3500
JD 4x16 semi mtd	$1150
JD 5x16 semi mtd	$1350
Case 4x16 semi mtd	$1150
JD 5x16 Pull	$975
JD 5x semi mtd	$1350
(2) JD 4X pull 14	$500
(40) 1X to fit small tractors	
JD 1450 6x16	$2150
JD 1450 6x16	$2950
JD 1450 5x16	$2650
JD 1450 6x16	$3350

DISC'S

Int 32 wheel	$1600
Int 36 wheel	$1600
Int 40 wheel	$1600
Int 44 wheel	$1800
Int 36 w/wings	$3900
Int 36 w/wings	$4500
Int 44 w/wings	$4500
JD 28 wheel	$1400
White 36 w/wings	$3900
(2) Long Offsets	$4000
Wilbeck Offset	$4500
Bush Hog w/wings new	$6700
Int 1 Point FH	$395

NEW YORK INVENTORY

PHONE 315-549-7140
PREFERABLY EVENINGS

TRACTORS

INT 4186 - Cab - 3 Pt - PTO - 600 Hours	$24,500
Case 1470 - Cab - 3 Pt - Nice	$14,900
JD 4320 - Diff Lock - New 18 4x38	$11,750
Case 585 Forklift - Diesel	$11,900
Ford Rollback Truck - 1974 - Diesel	$21,450
Oliver 1850 D - 4 WD - Nice	$7800

MACHINERY

5 Ton Wagon's (New)	$395
NH 717 Pickup Head	$595
Int 40 Blade Wheel Disc - Like New	$1800
1979 Hudson 2 Axle 4 Ton Tag A-Long Trailer - New	$1450
Long 11 Offset Disc - New - Weathered	$4250
(2) New 8 Ton Wagon w/Extend Tongue	$495
New 3 Pt Disc	$525
New Feedlot Scraper Blade w/Sides & Teeth	$425 - $450 - $475 - $500
New 12" Post Hole Digger	$395
(2) New Gravity Bins	$450
(3) New 7 3 Pt Blades	$245
New 10 Ton Gear	$595

NEW SPECIALS

Gravity Bin	$450	6' 3 Pt Landscape Rakes	$495
4' 3 Pt Rotary Mower	$485	1 Row 3 Pt Marker	$175
4' Pull Rotary Mower	$675	2 Row 3 Pt Marker	$265
5 3 Pt Rotary Mower	$495	6' 3 Pt Blades	$195
5' Pull Rotary Mower	$695	7' 3 Pt Blades	$245 - $475
6' 3 Pt Rotary Mower	$695	8' 3 Pt Blades	$285 - $495
6' Pull Rotary Mower	$795	12" Post Hole Digger	$395
4' Free Stall Scrapers	$425	6'6" 3 Pt Disc	$495 - $525
5' Free Stall Scrapers	$450	1 Bottom 3 Pt Plow	$295
6' Free Stall Scrapers	$475	2 Bottom 3 Pt Plow	$450
7' Free Stall Scrapers	$500	5 Ton Wagon	$395
8' Free Stall Scrapers	$550	8 Ton Wagon	$495
Landscape Boxes - Same As Above		10 Ton Wagon	$595
3 Pt. Boom Poles	$60	1200 Bu Corn Cribs	$795
7' 3 Pt Peg Harrow	$395	4 x8' Utility Trailer	$395
10' 3 Pt Peg Harrow	$495	3 Pt Woodsaws	$875
14' 3 Pt Peg Harrow	$595	1 Row 3 Pt Cultivator	$150 - $175
3 Pt Fertilizer Spreaders	$395	0" Category Tools	
		3 Pt Disc	$295
		3 Pt Cultivator	$95

TARP SALE

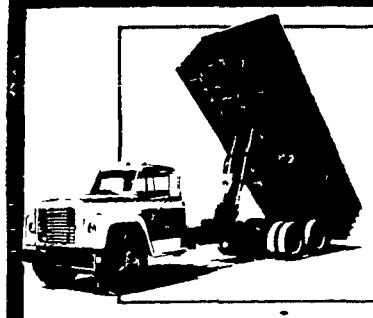
	REG	SALE
5'x5'	18 95	$ 9.50
5'x7'	20 95	10.50
5'x9'	25 95	13.00
8'x10'	35 95	18.00
9'x10'	39 95	20.00
10'x12'	45 95	$23.00
10'x14'	55 95	28.00
10 x16'	65 95	33.00
10 x18'	79 95	40.00
10'x20'	99 95	50.00

MISC. MACHINERY

Manure Spreaders
Balers
Cornpickers
Cornshellers
New & Used Cabs
Combines
New & Used Duals
Cornplanters
Cultivators
Harvesters
Extra Harvester Heads
Haybines
Feed Mills
Rakes
Snow Plows
Sprayers
[illegible]ckers & Movers
[illegible]ills
Side Dressers
Potato Diggers
Woodsaws
Scraper Blades
Blowers
Combine Corn Heads
Flail Choppers

NEW & USED TIRE CHAINS ALL SIZES

WANTED: USED TRACTORS FOR PARTS



Tough, Dependable Truck Bodies & Hoists

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

JOHN DEERE *Nothing runs like a Deere*

AUKER ENA EQUIPMENT AUKER ENA EQUIPMENT AUKER ENA EQUIPMENT

THIS WEEK'S SPECIALS
New Machinery

	LIST	SALE
JD 1209 Mower Conditioner	$7562	$5500
JD 1207 Mower Conditioner	6200	4500
JD 3960 Harvester (Fully Equipped less head)	12,700	8800
JD 567 Rake	1846	1500
JD 145 Ldr	2690	1900
JD Mod. 88 blade 8'	850	700
JD 54 spreader w/hyd. end gate & cylinder	4500	3900

NO TRADE

USED MACHINERY

TRACTORS	WAS	SALE
JD 4440, SOLD repo	$28,800	25,500
JD 4020 PS	$12000	10500
JD 4010	7700	7000
JD 730 diesel	4800	4000
JD 530	2800	2650
JD 60	1600	1450
JD 60, PS	1900	1675
JD MT w/plows & Cultı	1800	1450
JD MT w/loader	1800	1250
JD B	975	800
JD B	1100	975
MH 3, SOLD	1650	1200
MF 65	3500	2500
IHC BN w/cultı	1675	1475

BALERS		
JD 336 baler w/30 ejector	4600	4200
JD 24T baler w/ 2 ejector	1475	1000
JD 24T baler w/ 2 ejector	1700	1000
JD 14T baler w/ 2 ejector	1495	875
JD 14T baler w/ 1 ejector	650	595
IHC 27 baler w/ thrower	875	550

BLADES		
JD 7' blade for 48 loader	275	200
Myers blade	300	200
Wood blade	75	50

BLOWERS		
Papec	475	375
Gehl	475	375

HARROWS		
JD harrows	225	175

POST HOLE DIGGERS		
JD 31	475	400

CORN PLANTERS		
JD 7000 4 row	7000	6500
JD 494A planter w/ insecticide	1600	1295
JD 494A	900	700
AC no till 6 RN	3500	2800
IH 455	1675	1250
IH 56 4 row w/insecticide	2800	2000

COMBINES		
JD 45	4000	2500
JD 6620 side hill 1979	54000	50000

CHOPPERS		
NH 33 chopper	700	550

CORN PICKERS		
JD 101 picker	500	150

CULTIVATORS		
JD field cultivator	850	650

DRILLS		
JD FB B 13x7	2000	1500
JD FB 13x7	600	475 as is
JD FB 13x7	350	175

HARVESTERS		
JD 38 w/2R RC	2000	1500
JD 35 harvester	2700	2300

ROW CROP HEADS		
JD 2 row wide	950	750
JD 2 RN	600	500
JD 1R	600	450
JD 244 corn head	2400	2000
JD 1 row ear corn unit	1775	1500
Super Sweep P.U. f. NH 717 SOLD		350

RAKES		
JD rake	350	300
JD 640 rake	1200	1000

MOWERS & MOWER CONDITIONERS		
JD 9 mower	300	250
JD 1209	3800	3200
NH 1469 SP haybine	4000	3000
Owatonna 700 SP	3500	2500

PLOWS		
JD 350 5 16	2800	2400
JD 145 plow 4 16	1600	1300
JD 125 plow 4 16	1000	900
Ford 142 4 18	1875	1500
IHC 720 Plow 5 SOLD	4000	3500

SPREADERS		
NI model 213	975	850

WAGONS		
Snoco grain	600	350

DISCS		
IHC transport 10	1175	1000

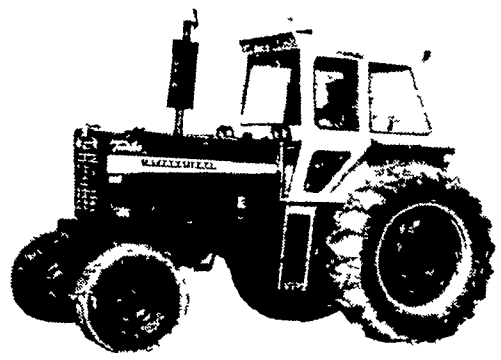
GRINDER MIXERS		
NH 352 SOLD	2800	2400

NO TRADE ON SALE PRICES

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

FARM EQUIPMENT



HERR & LEAMAN

Farm equipment
Let Us Know What Your Looking For

GUARANTEED QUALITY USED TRACTORS

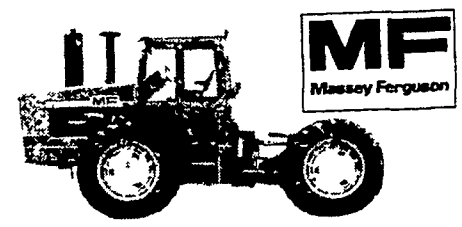
JD 4020 diesel, side console, nice cab, wf, dual hyd & wts , exc shape
JD 4520 w/4620 after cooler update kit
JD 4020 diesel, side console, wf, diff lock, dual hyd
JD 630 w/3 pt , real sharp
NI 701 Uni-System w/710 combine & 711 grain head, complete new engine
IH 1456, dual hyd & PTO, sharp, 1 owner tractor
IH 856 diesel fully equipped w/yr round cab, 3 pt
JD 3020 diesel, power shift, JD wf, local trade in
IH 1206, fully equipped w/dual PTO & hyd
IH 1466, cab & air, radials, dual PTO, hydraulics, very clean tractor
IH 656 diesel, hydro, wf, 3 pt (row crop)
IH 856 diesel, 3 pt , wf, 38" rubber, new TA, nice
IH 826, gear drive, M&W turbo, fully equipped
IH 806 diesel, 3 pt , wf, fully equipped, good tractor
IH 706 diesel, 3 pt , dual hyd
Oliver 1650 diesel, wf, local trade in
Farmall 450 gas w/fast hitch & PS
Massey Harris 44 gas, 4 cyl , local trade in

MISCELLANEOUS

Year round cab & air for JD 3010 to 4020
IH 540 plow w/hill side hitch
Duals 18 4x34 axle mount for IH
Cab for IH tractors, O6 series & 56 series, $400
IH weights

Ph. Lancaster 717-284-4659
& Evenings 717-786-4899

FARM EQUIPMENT



MF Massey Ferguson

NEW EQUIPMENT IN STOCK
MASSEY FERGUSON

540 combine
154-4 diesel tractor
184-4 diesel tractor
245 8 sp diesel tractor
255 8 sp diesel tractor
255 MP diesel multipower tractor
265 MP diesel multipower tractor
265 8 sp diesel tractor
2745 MP diesel tractor row crop w/cab
2805 diesel tractor, multipower, row crop, cab
13' & 15' tables & reels
1144 corn head
227 snow blades
Husqvarna saws & Woodsman saws

USED EQUIPMENT

MF 285 diesel tractor 8 sp
MF 2805 diesel tractor, 350 hrs 1 yr warranty
MF T030 tractor
IH 350 tractor
JD A gas tractor
MF 135 gas tractor
David Brown 1200 diesel tractor
MF 410 combine w/43 corn head
MF 540 combine, diesel
MF 750 diesel combine 3 yrs old w/new grain table
MF 760 diesel combine w/16' heads
Case 1160 combine w/13' grain table
Bobcat Melrose 700 skid loader
NH balers
NH mower conditioners
NH L775 skid loader
Cat & Wisc parts

WE SERVICE ALL MAKES OF EQUIPMENT

ABRACZINSKAS
Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

MUELLER Milk Coolers®

ATTENTION DAIRYMEN

Consider SULT'S REFRIGERATION SERVICE For Your New Tank Or Service Work. Here's Why:

- Owner Gratz M. Sult has been in business for three years and has 18 years experience in service & sales in the bulk milk tank business.
- Tom Lichty is a top qualified mechanic who will repair it before replacing it if possible, reducing your cost of service calls.
- 24 Hour Service - All straight time charged on service calls - no additional costs for evenings and weekends.

For More Information, Contact your Authorized Mueller Dealer

SULT'S REFRIGERATION SERVICE

OFF RT. 340, 1 MILE EAST OF INTERCOURSE ON HATVILLE RD., RD 1, GORDONVILLE, PA 17529

★ 24 HOUR SERVICE
★ PH: 717-768-8555

Clip This Coupon And Mail To:
SULT'S REFRIGERATION SERVICE
RD 1, Gordonville, PA 17529
☐ Send More Info
☐ Have Representative Call

NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
PHONE _____

Open House

You're Invited - Feb. 9 to 13, 1981 8 A.M. to 5 P.M.

★ Free refreshments, movies, displays and demonstrations all week ★ Door Prizes

Tuesday Feb. 10th
"Meet Our Company Representatives Day"
Representatives from our various suppliers will be here to meet you and discuss their products with you.

Tuesday Night, Feb. 10th, 7 P.M.
The Third Annual **MICRO-MINI TRACTOR PULL** in our Shop. See York County pullers challenge Lehigh Valley Pullers.

All Dealership Departments Will Have Special Sale Prices This Week.

Price Plowdown Sale

SAVE UP TO **25%**

on Genuine IH Plow Parts

This is where the savings are! It s our big Price Plowdown Sale We ve rolled back prices on plow parts You ll find everything you need upset shares, deep suck shares, flat shares, trash plates, colter blades, shins, and landsides All high quality, and that means the best high-carbon steel and the best heat-treating for top performance Best of all at 25% off regular IH suggested list prices

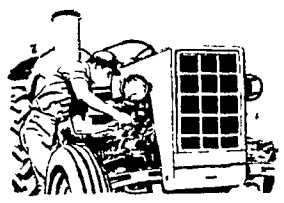
Stock up now...at the lowest prices of the year.

PARTS DEPARTMENT SPECIALS

• See Wally, Bryan or Caleb

★ Truckload prices on Plow Parts, Engine Oil, Hy Tran, Filters, Mufflers, Batteries, and many other items.
★ Look for the red Flags which will point out Special Sales Items
★ 10% discount on all other parts items in the store.

SERVICE DEPARTMENT SPECIALS:

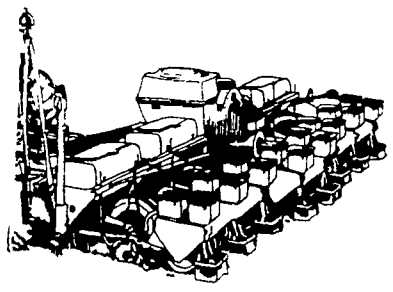


See Delmar Stauffer

★ 10% Discount on all IH and Bobcat parts installed by our Service Department on all jobs scheduled by Feb. 28, 1981.
★ Free Trucking on all jobs that total over $1,000.00
★ Schedule your spring work to be done now while we both have the time.

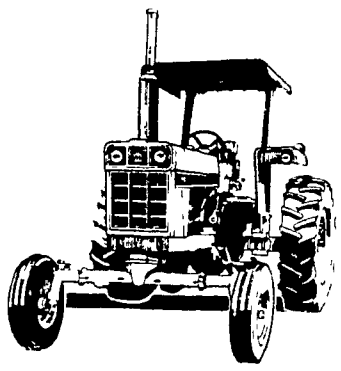
INTERNATIONAL AGRICULTURAL EQUIPMENT
CERTIFIED SERVICE
This dealership s service department has qualified as an IH certified service center International Harvester Company

WHOLE GOODS SALES DEPARTMENT



See Curtis, Phil, Roy and John

★ Most new and used Tractors and equipment items have been marked down to sell this week.
★ See new items from International Harvester including the new F-786D Tractor, the new 800 Series Early Riser Planters, and the new 1420 Combine.
★ Finance, Lease, and Rental plans are available. Ask for the details.
★ Test Drive all the New Tractors from 8 to 160 Horsepower.



USED EQUIPMENT USED EQUIPMENT USED EQUIPMENT USED EQUIPMENT

Tractors
Farmall M
IH Super M
IH F 300
IH F 450 D
IH F 460 D
IH F 986 D
IH Hydro 84 D
IH 574D, Row Crop
IH I-674 D Row Crop with 2250 Loader
IH 184 Cub Lo-Boy
AC D15 w. Loader
Ford 3000
Ford 4000
IH TD8 Crawler
F 1256 D
Satoh 650 G
MM 302

Tillage
Howard S T 180 Rotovator
Dunham 15' Cultimulcher
JD KBA Disc
Lely Power Harrow
Niemeyer 80" Power Harrow
IH 350 Disk, 12 ft
Chattanooga 11 ft Packer

Compact Skid Loaders
IH 4125
Case 1537

Pickers
IH 234
IH 2 ME
NI Super Sheller Attachment For 2 Row Pull Picker
NI 2 Row Mounted

Combines
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
JD 45

Forage Equipment
IH 16 Harvester w/2 Heads
IH 720 Harvester
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
NH 770 FH w Cornhead
Gehl FB 82 Blower
IH 42 Blower
Kools Blower

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w Thrower
IH 10 Bale Thrower
IH 115 Mower
IH 33 Hay Cond
IH 990 Mower cond , 9 Ft
M C Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
IH 46 Baler
MF 128T Baler
NI Mower
NI Rake, 4 Bar
NH 269 Baler w Thrower

Plows
IH 311 mtd
IH 411 Mtd
IH 550 5-Bottom
3F Trailing Plow
Fast Hitch 2 way
Ford 5F 18"

Planters & Drills
IH 56 4 Row
IH 455 Planter
IH 449 Planter
Oliver 4 Row
MF 4 Row
JD 290 2 Row Planter
Dearborn 13x7 Drill
Ontario Drill

Miscellaneous
MF 7 HP Tractor w. Mower
Snow Blowers For Cadets
Sauder Loader
Tri Axle 10 Ton Trailer
IH 125 Cadet and Mower
NI Lime Spreader
IH 1000 Cub Cadet w Mower
IH 175 Spreader
IH 550 Spreader
Little Giant Roll A Way Elevator
IH 2000 Loader
NH 355 Grinder Mixer
NI Spreader
Gehl 120 Grinder Mixer

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

R.D. 1, MYERSTOWN, PA
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
On Rt. 645 in Frystown
PHONE: 717-933-4138

INTERNATIONAL® AGRICULTURAL EQUIPMENT

PARTS DEPT. HOURS
Mon.-Fri. 7 AM to 5 PM
Sat. til 11:30 AM
• UPS SERVICE AVAILABLE

(New Gehl 1090) = 9 ft haybines - below dealers net = our price $4375.00 (SALE).

(Tractors Just Received) New JD 4040 QR for $21,000, New JD 4240 w/Roll Guard & Q.R. $23,900; New JD 4040 Power Shift; used JD 2840 w/R. G. like new; 4020 w/Diff. Lock; 1530 Diesel; New Case 2090 Cab & Air, power shift $23,950; Used 1070 w/cab enclosure; real nice; Case 1410, 970-4 post P.S ; 930 Standard D; Farmall 886 w/R.G. like new; AC 200; MF 65D, 65 & 50 Gas (SOLD).

COMBINES 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1975 Int. 715 diesel C A 23" tires 810 w/grain and 844 C H..

Gleaner F2 diesel, cab, air, grain saver, used 300 hrs w/grain and 430 corn head. Gleaner G diesel w/cab and grain. 76 Int. 715 diesel w/844 corn head and 810 grain head 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab

MF 760 diesel hydra with grain and 6 row corn head MF 300 combine w/cab and grain, Int 82 Pull Type (clean) Gleaner F w/2 heads Late model Int 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 435, 434, 334, 235, 234, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int Int 863, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", 50 corn heads to pick from on our lot. M 430 Gleaner, Int 6 row 30" for 503, new JD 444 corn heads, NH 4 row 38" C H New MF 44 C H for $6375 00 (Skid Loaders) Bobcat 720 & 700 Hydro

TRACTORS JD 4230 C A. QR, JD 6030 C A Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; '67-JD 4020 WF dual hyrd; (New) Int. tractors never used in field. New Farmall 1086 cab and air, for $28,200 New Farmall 886 cab and air, for $23,900 Farmall used 986 cab and air, 1566 cab and air w/new T.A., 706 diesel w/F.H., Farmall 544 gas W.F. Used White 2-155 w/Duals, JD 4230 w/R.G., '67 JD 4020.

Used Farmall 706D WF & 3 pt , (2) AC D17 IV w/3 pt.; New NI 324 picker w/super sheller, New JD 3 pt roller harrow, JD 7000 4-row planter w/no-til attch.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), used 323 one row, NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N I. 2 row 30'' picker w/grinder. JD 300 Husker w/244 corn head Int. 234 w/12 roll bed

John Deere 8630-4 Wh Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft Hyd. wing disk, like new, J D. 7520 w/3 pt & Dual Wheels, J D. 220 hyrd. fold wing disk; Int. 4366 - 4 Whl drive w/duals, 1972 JD 4020 w/dual hyrd , Farmall 966 original

JD 4630 C A Power shift w/front wheel drive (real clean), (Tractors w/Loaders) JD 2020D w/145 loader like new, JD 4020 w/58 Loader, Int. 544 utility D w/2250 Mount-O-Matic Loader, Int 606 w/2000 L, Farmall 1206 w/cab, 1967 JD 4020D. power shift, D.L dual hydraulics; AC D17 D, W F., Ford 4000 (SOLD) Utility D, Ford 1800 Loader & Backhoe.

Case 930 CK w/5X Plow, JD 3010 gas

Just Received New J.D 2940 w/front wheel drive, 4040 Power Shift, JD 950 w/mower NEW JD 4240 4 post QR New JD 4440 cab, air, power shift, New JD 4440 C.A , quad , JD 4000 diesel

J D 4010 gas, JD 4430 C A. QR, JD 3020 (2) side console

New White 2-105 w/cab, 1971 J D 4020 w/roll guard, cab, air, dual hyd (real sharp), 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd , 1970 JD 4020 Power Shift & Dual Hyd., JD 2510 gas, Farmall 806 diesel, Farmall 350 w/P.S. & F.H.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab, 1026 Hydro w/roll-guard, Farmall 666 diesel, 86 hydro D w/roll-guard, 504 W.F

Tractors & Eq. - Steiger Bearcat 4 whl drive w/dual wheels and new motor in excell. cond., Gleaner E Combine w/cab, grain and corn head, Farmall 1206, nice 856 orignial A C. 210D, w/new 20 8-38 tires, 460 Gas w/F.H Farmall 756 gas. 806 tri. diesel, 560, 856 w/front wheel drive, 1206 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300.

HARVESTERS (New) Gehl 700 fully eq w/2 row corn & pick up priced under dealers cost New Holland 770 w/2 row, M F 260 w/2 row head, Fox Super 2000 w/2 row narrow & elec sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H., NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 5020 w/cab and duals, used 4030, 4520 w/triple Hyrd , 5020 tractor puller, 1968 4020 power shift, JD 3020 gas w/cab; JD 4010D w/W.F. 630 w/3 pt , 60 w/p.s , 70 w/p.s.

FARMALLS: 1978 1586 w/cab fully eq. w/duals, used 400 hrs. like new.1566 black stripe w/cab, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w f and 3 pt., 826 hydro D nice, Super M w/live hydraulic, M for $975.00 H w/loaders, 706 Gas w/F.H - as is $1900.

Case 970 w/P.S 1170 (SOLD) w/cab, 970 w/4 post roll guard, Case 1410 real nice, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20 8 tires real nice 1650D , 1750D, Ford 9600 w/dual power and dual wheels, original 8N.

MASSEY FERGUSON new 1105 w/cab, & 20:8-38 tires for $19,500. MF 2805 used 600 hrs w/dual wheels, 1130D, M F (SOLD) 285, 135, Super 90D

ALLIS CHALMERS Used 7010 C A.P S , '7040 w/cab, power shift like new $19,500, AC 200 D Nice, AC 185 D w/300 hrs (SOLD), 220, 210, AC 180D, MM S670 diesel

COMBINES - JD 7700 Diesel w/Fire Damaged cab MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads Used JD 13 to 15 ft grain heads, used M F grain heads, used J.D 213 flex heads

Hay Equip. Specials

BALERS - NH 320 w/thrower like new, Used 277 w/thrower, JD 346 Baler w/thrower, 336 w/thrower

New Haybines at Discount Prices - New Gehl 1090 New Hesston 1010 Hydro swing $4850 00, NI 279 Cut/ditioner used on 40 acres for $2750. (New) NI 299 Haybine for $4250.00

New JD 1207 for $3675 JD 640 rake, new Gehl 99 blower Vermeer round baler

IND EQUIPMENT - Int 510 4 whl drive payloader used 500 hrs like new Case 530 C K diesel L & B. Case 480B loader and backhoe, Int. 3500 L & B Case 580 L & B, D8 Cat w/blade, Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade.

CORN PLANTERS - (Just Rec) New JD 6 row & 4 row conservation planters, New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row liquid w/inset., monitor and no-til attch, used 7000 4 row fully equipped with fert fill, used White 6 row planter w/gauge wheels, real clean, used A.C. 6 row no til planter w/fert. and inst. AC 6 row air planter, JD 1240 Plateless, New JD 1710 - 11 ft. 9 spring trip mulch tiller $5250.00, Int. 1050 Grinder-Mixer, Kools recutter blower, Brady bean cooker.

New Int. 400 - 4 row air planter for $3250, New JD 8300 double disk grain drill, new Case 6 row 3 pt hydr. fold field cult., (4 offset Disks) J.D. #360 12 ft , (2) Wheelback 12 ft Miller 14 ft. offset. JD RWA Disks

White 5x18 auto reset plows; Int #700 six X auto reset, Int. #710 (SOLD) 4X auto reset; New Bush Hog 12 ft. pull type chisel plow J D #1600 - 16 ft. pull chisel plow. JD, Int, & Oliver 4,5,6,7 trip and resets. New Glencoe SS7 Soil Saver with culti-lift harrow for $4950, JD 210 Disc, Case 4x16 auto reset plow used 20 acres Bush Hog 12 ft Discs, new, Brillion & J D 13 ft. cultimulcher w/inside wheels, White 3 pt 10 ft Chisel Plows, NH 346 Tank Spreader New White 14 ft field cult , Kawanee 22 ft wing disk Four row stalk shredders 950 00.

LOADERS - Int 2350 JD used 58, MF loader for 1105, JD 46A loader, Int Fast hitch 3 pt. adapters, 3 pt hitch for 630 and 730 JD tractor

Used yr. round cabs for JD 4020, 3020, etc

TRUCKS - New 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/6300 miles w/14 ft flat, like new, 1977 Delta 44 ft Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins New Kill Bros. 8 ton running gears Pick up heads for Int 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38 JD 3 row narrow silage head. (20) sets of dual wheels all sizes

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.

East Windsor St.
& Krick Lane
Hamburg, Pa.
19526
Phone bus. 215-562-8377
home 215-562-7451

OPEN HOUSE

MON., FEB. 16, 1981
LUNCH SERVED
11 AM to 4 PM

AGRI-CULTURE DAYS®

WEEK-LONG SPECIALS THRU FEB. 21st

JAMESWAY BUTLER MEETING
ON VENT & TMR FEEDING
Feb. 17, 1981
7:30 P.M.

IH PLANTER MEETING
Feb. 18, 1981
7:30 P.M.
• See The New Early Riser Planter

BRING THE FAMILY!
REGISTER ALL WEEK LONG FOR DOOR PRIZES!

COME SEE Displays and Movies of the Latest Farm Products & Machinery from...

★ International Harvester Farm Equipment
★ DeLaval Dairy Equipment ★ Jamesway
★ FMC Bean
★ John Blue
★ Madison Silos

OPEN HOUSE SPECIALS ON TOOLS & BATTERY CHARGERS

10% CASH DISCOUNT
On Any Merchandise In Store
Including Parts
(Account Must be Current to Qualify for Discount)

HEN'S BIRTHDAY SPECIALS...

Hen Says...
"The Price Will Be Right On Plow Parts!"

SAVE ON:
• Moldboards • Shares
• Shins • Landsides

Grease Gun

Open House Special
$4.95

Guess The Kernels Of Corn In The Jar On Our Parts Counter!

WATCH THIS SPOT NEXT WEEK FOR OPEN HOUSE PRICES ON EQUIPMENT

• Special Interest Rate On Tractors. .12.9% Interest Until Dec. 1, 1981
• Rebates Available Until Feb. 28, 1981

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Winter Hours: Daily 7-5:30; Sat. 7-1

We're An IH Dealer!

FARM EQUIPMENT

USED EQUIPMENT

IH TD8E dozer 6 way angle blade
IH 500E dozer 6 way angle blade
IH 3600A loader backhoe
IH 3444 loader backhoe
Oliver 770 loader backhoe
IH 140 tractor w/highway mower
IH 3082 3 pt. hitch backhoe attach.
Howard 3 pt. hitch backhoe attach.
Econoroil 1 ton roller

MANOR EQUIPMENT, INC.

Wheatfield Road R.D. 8,
Sinking Spring, Pa.

DIRECTIONS
2 Miles South of Shillington ½ Mile Off Route 222

PHONE: 678-0828

FARM EQUIPMENT

USED TRACTORS

Ferguson 20 w/ Blade
Case 530 D w/ Loader
Farmall 460 w/ Plow
JD 4320
JD 3020 D, Wide Front
JD 3010
JD 2840 (2)
JD 2010 w/Loader
JD 1530 w/ Loader

USED EQUIPMENT

Fox Forage Harvester with 3 Row cornhead
New Idea 705 Uni-System with 3 Row 30" Head and Hay Pickup
1240 4 Row JD Cornplanter
1250 6-Row JD Cornplanter
6-Row AC Cornplanter
4-Row AC Cornplanter
(2) 760 Tank Spreaders
OMC 330 Loader

JOHN DEERE

SHOTZBERGER'S EQUIPMENT

Elm, Pa.
Phone 717-665-2141

FARM EQUIPMENT

GOOD USED EQUIPMENT

Oliver 1800 diesel, clean, WFE, equipped w/hydro shift
IHC model 350 trailing disc harrow 11'6" good cond.
Leyland model 2100, 100 hp. w/16.9x34 dual wheels 1400 hrs. w/cab, clean
IH 990 7 ft. mower conditioner
Used NI #279 cutditioner, like new
IH 674 gas utility w/620 hrs.

Truckload Sale
Special prices on Plow parts (in stock)

NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.

Rd 2, New Ringgold, PA
717-943-2367

FARM EQUIPMENT

TRENCHERS

New rubber tire model 9 hp digs 6" wide x 24" deep
$800

Used track model 12 hp, digs 4 12" wide to 5' deep
$1900

EECO, INC.

4021 N 6th St.,
Harrisburg, Pa., 17110
717-238-9423

SILOS & UNLOADERS

For Sale - GRANGE SILO, new Hydraulic pressed concrete stave manufac tured by Corostone Silo Co, South Montrose, Susquehanna Co Pa Call Collect 717-278-3045 Plant 717-278-3461 eves, or call Weedsport, N Y 315-834-9200 SE PA Ralph Estelle Manheim, PA 717-665-7105

We buy & sell used HARVESTORES. Penn-Jersey HARVESTORE Systems - Tel 717-354-4051

MADISON SILOS & VANDALE EQUIPMENT
717-653-1567

For Sale Silo, 2 yr old, used Harvestore 20x80 with goliath unloader, Call 814-692-8718

We buy used Harvestores and sell with Laidig unloaders Penn Dutch Farm Systems, Inc 717-273-9324

20x70 Harvestore silo with Goliath unloader, best offer, after 6 p m 717-548-2505, 548-2507

Wanted - good roof for 17' Harvestore silo 717 354-4158

For Sale silver Shield steel silo, 12x45 Mifflin Co 717 248 2488

Ribstone 20 x 50 silo, disassembled, $1800 or make offer 301 778-0203

GUNITE Silo Relining & Repairs

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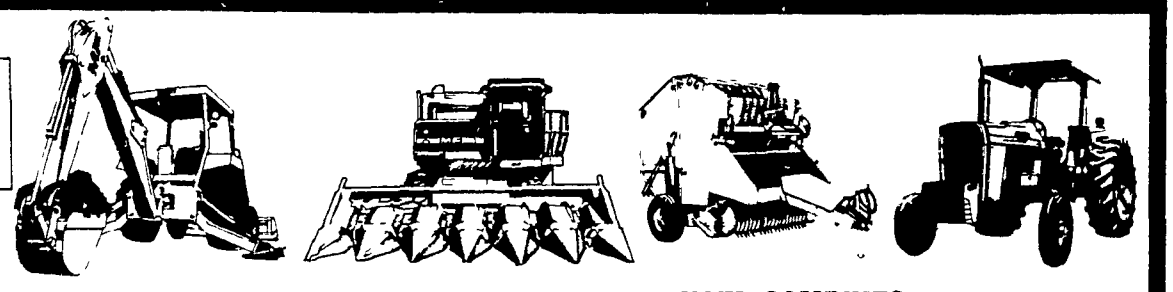

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NI 315 2 Row Picker, 8 Roll	3,500 00
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MF 620 12' Disc Harrow, New $4790 00	3,640 00
Thrifty 1 Row 3 pt Cultivator	95.00
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Dunham 4 Row 38" Cultivator, New $1500 60	1,350 00
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MF 760, 6 Cyl, 4 Sp with Grain Table	19,500 00
MF 750, Turbo, Hydro with Grain Table	28,000 00
MF 750, 372, 4 Sp with Grain Table	24,500 00
MF 510, Diesel Cab with Grain Table	13,500 00
MF 510, Diesel, Cab with Grain Table	12,500 00
MF 410, Diesel, Cab with Grain Table	11,000 00
MF 410, Diesel, Less Cab with Grain Table	5,800 00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	9,000 00
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JD 4400, Gas, Cab with Grain & 4 30 Corn Head	15,900 00
IH 315, Gas, Cab with Grain & 2 38 Corn head	7,900 00
IH 303, Gas, Less Cab with Grain Head	1,790 00
IH 303, Gas, Less Cab with Grain & Corn Head	3,900 00
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MF 880 4 16 Semi Plow, Hyd Reset	1,900 00
Ford 3 pt 4 Btm Plow	925 00
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MF 1155, No Cab, 8 Speed, 140 hp	11,000 00
MF 1135, No Cab, Multi Power, 120 hp	9,000 00
MF 1135, Cab, 8 Speed, 120 hp	11,700 00
MF 245, No Cab, 8 Speed, 42 hp	8,600 00
MF 178, New Tires, Multi Power, 67 hp	4,800.00
MF 178, Multi Power, 67 hp	4,900 00
Case 1370, Cab, 1480 hrs	14,000 00
Case 450 Crawler Loader	7,500.00
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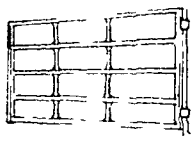

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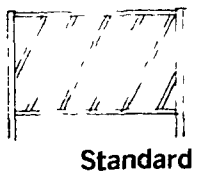

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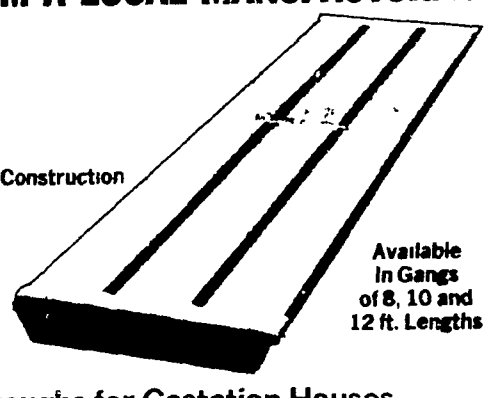

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1½ yr old Jet Stream bull out of Elevation Dam 215 593 5934

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2 nice grade Holstein heifers, one fresh Jan 29, one close springer, Phone 215 766 8130 evenings 6 10

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For Sale Herd of 38 Hols tein cows good pro ducers Can hold till April 301 578 1224

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CATTLE

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For Sale Angus feeder cattle 717-758 3252 after 8 A M

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5 grade Holstein heifers, 9 mo old, also 4 reg heifers, 13 mo old, also Holstein bulls, one a Pete son with dams record as 2 yr old 21,000 M and 4 5 test Levi M Stoltzfus, 31 E Eby Road, Leola, PA

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For Sale Good grade Holstein bull, 2 yrs old, Sired by Astronaut Dam EX90 with over 20,000 milk Good heifer bull 717 367 8412 12 1 00 or after 6 P M

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For Sale Two Reg Holstein Bull One born 2 80, Sired by RORAElevation Dam VG86 Sunnyside Stan dout with 3 yr record of 21,073 3 5% 731f, Grdam with two 305d records over 32,000m One born 12-79 Sired by Kingpin Dam a Wapa Arlinda Conductor da with 2 yr record of 14,641m and 513f Grdam VG86 Star with records to 27 928m and 1017f Price $800 Phone 717 933 8403 Berks County

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CATTLE

For Sale Three stock bulls 717 786 2975

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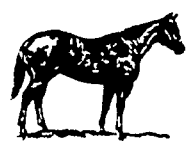

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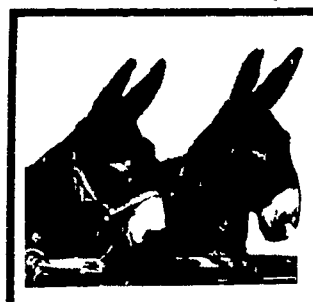

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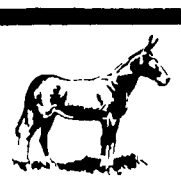

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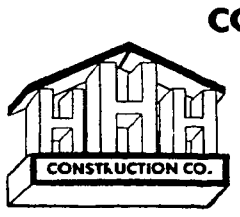

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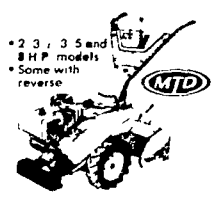

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Phone 717-354-7686

AARON MARTIN, JR.
Public Accountant
532 West Penn Avenue
Cleona, PA 17042
PHONE 717-272-1385 or 272-0849

BUSINESSMEN — Can you afford NOT to have a good accountant for your business?

TAXPAYER — Can you afford NOT to have a good tax consultant for your year end planning and preparation of your 1980 tax return?

We are here to help you be successful

END O' RAT
KILLS RATS and MICE

Rats Favor its Zesty Flavor!

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NEW HOLLAND SUPPLY
For Additional Information
Call 717-354-4001

CUSTOM WORK

Smuckers Custom Butchering Pork, & Beef Ham, Bologna and hot dogs processed 1 mile west of Intercourse, Ronks, PA 17572

Custom Butchering Stoltzfus Bros Beef, Pork Cut, wrapped & sharp freezing Patties available Curing & smoking Our beef available from farm Leola 717 656 7270

Cold Storage Insulation Fruits Vegetables SPRAYED ON URETHANE FOAM Ideal for temperature and humidity control Continuous coating, no seams, no adhesive for free estimate call CONESTOGA CHEMICAL & PLASTICS, INC 717 397 3724 Call anytime

HELP WANTED

Help Wanted Immediately
Herdsman for 150 cow dairy in the Southern Tier of NY, minimum requirement Two year college degree in dairy/science and/or previous experience Must be willing to work hard on your own and assume responsibility Opportunity exists for you to start your own herd Benefits include house, heat, electric major appliances, milk, meat etc Cash salary commensurate with experience Reference required Send resume and references to Engelbert Farms Kevin K Engelbert, Rd 1 Box 53, Nichols, NY 13812

Immediate opening for young aggressive individual or couple looking for a future as a layer production and farm manager with a growing firm in northeastern Penna Pay and benefits to commensurate with ability, experience and productivity Housing facilities provided Reply to P O Box 387 Ephrata Pa 17522

Person to work on 75 cow dairy farm in Bradford County Field work and milking Salary negotiable with housing available Snowcrest Farm RD1 Milan, Pa 18831 717 596 3152

Experienced married person wanted for dairy farm modern milking parlor with 230 cows, must enjoy milking and general farm work, Modern 2 bedroom house salary plus benefits 10 miles west of Lancaster Start April 1 717 285 3711

Help Wanted Young single Christian person to work on a farrow to finish nog farm Salary room and board plus other expenses and benefits paid 703 948 4279 after 6 p m

SERVICES OFFERED

J C Ehrlich Co Inc Termite, Pest, Rodent and Smoke control Lawn and shrubbery spraying Free estimates 1278 Loop Road, Lancaster Pa Phone 717 397 3722

Will clean heifer barns, chicken houses with Bobcat loader 215 869 2160

HELP WANTED

Wanted Woman or man to help tend to livestock Also help around the home Write & give phone number to P O Box 366 J 157, c/o Lancaster Farming, Lititz, Pa 17543

Mature couple for light gardening and housework on small estate in northern Baltimore Co , MD, house included, excellent opportunity for retired farm couple, Send resume and references to Box 366 R 37 Lancaster Farming Lititz, PA 17543

Responsible Christian single or married for herdsman position on 80 cow dairy Stanchion barn with pipeline located in Western Berks Co Housing available, salary plus bonus or incentive plan Write P O Box 366 L 132, c/o Lancaster Farming, Lititz Pa 17543

Opening on dairy and grain farm, references required, 301 634 2767

South Jersey Co looking for competent sales person to sell agricultural products Position available immediately Must have 3 yrs experience in agriculture field & vegetables References & resume required Write to P O Box 366 L 133, c/o Lancaster Farming, Lititz Pa 17543

Help Wanted for dairy farm dependable person with farm experience, good wages plus benefits large equipment outside work 215 767 4827

Farm Manager or good assistant for hay, soybean farm Must be excellent operator and repair of large John Deere combines and tractors Write salary expected Mr Tucker P O Box 0 Franklin Park, NJ 08823

Sale representative service and office position for poultry firm Please send resume including past experience and salary expected to Dauphin Harris, PO Box 142 Port Royal, PA 17082

Cook housekeeper needed to live in with active elderly lady on country estate near York Drivers license & car desirable, private quarters provided plus a salary Answer by sending qualifications & salary requirements to Cook/Housekeeper P O Box M38, York, Pa 17405

Dairy/field assistant needed for 85 head Reg holstein herd Salary/housing and privileges Experienced only 215 932 8605

HELP WANTED

FARMING OPPORTUNITY
Dairy farm family wanted to operate dairy on share basis, 50/50, no capital needed. Write experience, background & age. References. Location Southeastern, NY.

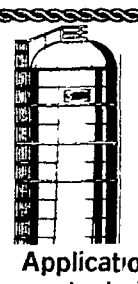
Write P.O. Box 366 L-134
c/o Lancaster Farming
Lititz, Pa 17543

INSTALLERS
of equipment for hog, poultry and turkey buildings, some jobs out of the area. May require staying on a weekly basis. Drivers license required.

Send replies to:
Box 366 R-40
Lancaster Farming
Lititz, PA 17543

TO RENT POULTRY FARM
BERKS CO. - Two buildings each 20,000 sq ft Central hot water brooding, insulated, bulk bins Ideal to raise broilers or replacement pullets Four bedroom house with modern kitchen, central heat. Reasonable rent Only persons with farm experience will be considered

HFM CORP.
Call 215-582-3734 or write
Box 425, R.D. 2
Birdsboro, Pa. 19508



Don't miss this opportunity To Sell The
SEALSTOR
Silo and Liquid Manure System.
Applications now being accepted for protected territories in Central and Eastern Penna., N.J., & Maryland.
Call or Write Now:
Russell Darkes, Jr.
Penn Dutch Farm Systems, Inc.
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717-273-9324

JOHN COPE'S CORN PRODUCTS

NEEDED
SWEET CORN GROWERS

GROWERS:
Needed to grow contracting sweet corn acres for our new modern processing plant.

A. **Rates:** $50 through $56 per ton subject to distance from plant
B. **Planting:** 38 inch and 30 inch rows Contract planting services available with new air planter
C. **Harvesting & Hauling:** By contracted or our equipment with no charge to grower
D. **Advantages:**
   1 Shorter growing season than field corn
   2 Guaranteed Rates - 90 Day Terms

CONTACT: Thomas A. Graby
John F. Cope Co , Inc.
Rheems, Pa. 17570
Phone: 717-367-5142
7:30 a.m. - 5:00 p.m. Weekdays

HELP WANTED

Area Sales Manager position Aggressive, creative & highly motivated person to sell field bottom unloading silos in 16 County area Prefer Bedford Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability experience & productivity Reply to Box 366 JH 137 c/o Lancaster Farming, Lititz, Pa 17543

Wanted - Experienced dairy couple to work with 150 head of Holsteins, general farm duties 717 776 5746

Wanted Herdsman for 40 cow herd, also do general farm work, paid on percentage of milk check available approx March 1 1981 Benuel B Fisher Box 285 Rd 1, Millersburg, PA Dauphin Co

SITUATIONS WANTED

Young married couple looking for farm to rent in Lancaster Co 717 656 8664, ask for Russell

Young female looking for fulltime work on dairy farm, farming background, Southern Lancaster Co preferred Evie Brubaker Box 266 Gap PA 717 442 9110

Female college student summer employment experienced in dairy industry Virginia Wagner Box 582 Delaware Valley College, Doylestown Pa 18901 215 345 9902

SITUATIONS WANTED

Young married man looking for farm work experienced in beef and dairy and most type of equipment, Union Co area, after 5 717 922 1261

Couple wants to rent a dairy farm in Southern Franklin Co Ph 301 797 6460

BUSINESS OPPORTUNITIES

For Sale Well established business in Big Valley area with dealerships on Deutz and Murphy air cooled diesel engines, chain saws, roto hoe tillers Business consists of rebuilding and maintaining Diesel engines Will sell business complete with property and tools Property consists of approx 2 acres, new 2-story hip roof shop, house in good condition, good garden, fruit trees, grape vines, close to stocked stream 1 mile South East of Belleville For more information call 717 935 2223

GO AMSOIL® SYNTHETIC

Great part time and full time opportunities in the fast growing market of synthethic lubricants and additives for Fuel Oil Diesel Fuel and Gasoline
SAVE OIL SAVE FUEL
Call
MEL CALDWELL
R D #1 Indian Marker Rd
Millersville Pa 17551
(717) 872 7324

I'M A CHINCHILLA

PULL OUT OF THE PAY CHECK RUT PUT YOUR FAMILY IN BUSINESS FOR FUN AND PROFIT! INVESTIGATE AND INVEST NOW

Start your career as a Chinchilla Rancher in a spare area such as a garage or basement which meets the climate conditions required for Chinchilla The, are healthy harmless odor free are vegetarians eat very little and are one of the most valuable fur bearing animals in the world Raise animals for one of the fastest growing segments of the fur industry We can supply you with animals expert training and the ability to market your offspring Not a get rich quick venture but if you are willing to devote time and financial effort you can develop a profitable on going business

Send today **KING CHINCHILLA, P O. BOX 1134 NORRISTOWN, PA. 19401**
I am interested in Chinchilla ranching for profit Send me complete information on Chinchilla ranching (Adults only)
Name (Adults only) _____
Address _____ City _____
State _____ Zip Code _____
Phone _____ Age _____
Occupation _____
There is no cost or obligation for this information!

TRUCKS & TRAILERS

Wood dump bed for sale 12 length with all hydraulics Call 717 898 7443

For Sale R Model Tandem Mack Dump Truck, nice condition $7 500 00 717 334 5511 after 5 P M call 717 334 4362 C E Williams' Sons, Inc 36 S 5th Street, Gettysburg Pa 17325 Adams County

Dodge 500 truck, 23,000 GVW, 2 speed, 14 bed, with side boards 50 000 actual miles excellent condition, Asking $2450 717 938 2694

For Sale 78 Chevy C30 pickup, 4 door 350 4 speed, PS, $3395 717 733 8985

For Sale 77 Ford F250, 7900 GVW, 351 auto, PS, PB 49,000 miles, $3195 717 733 8985

1974 Kenworth Brute Tri axle dump, 350 cummins engine, 13 speed heated 17 ft aluminum Box, nice, Call 717-899 6777 or 717 899 7332

TRUCKS & TRAILERS

For Sale Heavy Duty C 60 Chev Truck with or without boom type spreader also Mack trans and flywheel TRL107 717 624 8124

For Sale - 1969 Chevrolet 18' van body, 350 engine, best offer, must sell 717 665 5927

80 IH 1754 with 9 litre diesel 5+2 speed, 18' grain and cattle bed 10,000 miles like new 814 684 3057

For Sale 1978 1 ton Chev flatbed truck, 46,000 miles long wheel base will sell with or without Diamond plate body Call between 6 and 8 a m 609 358 4781 Salem Co

TRUCKS & TRAILERS

For Sale 1976 White Road Boss, 290 Cummings, 10 speed trans, wetline jake brake, 10 20 tires 717 665 4785

'75 Int 18' body, diesel 8, reefer, 10 rubber $9000, exc shape, 77 Ford, 22 body, diesel, 210 cab, 11 rubber, $15000, exc shape 717 689 9617

1973 Dodge C 600 20' aluminum box, hyd lift gate, 4 speed 2 speed axle, 361 rebuilt truck motor, PS, inspected and road ready 717 776 3305

Wanted - Dry deck trailer 40 to 45 long 10 00 x 15 tires 717 799 5306

For Sale 1977 Trailmobile, 44 flatbed, 60 sides, bows, new tarp, slider, bud wheels, good shape 717 665 4785

For Sale 73 Ford Louisville LN800 air brakes, PS, 5 spd 2 spd, 391 cu in engine no cancer, 10 00 x 20 rubber 609 261 5536

TRUCKS & TRAILERS

1969 T 950 Ford tri axle 16' aluminum dump, good condition 215 469 9257 after 6 p m

7½'x20' construction type dual wheel trailer, with electric brakes, licensed for 9000 lb $1800 717 665 2914, 665 5427

For Sale 2 28' aluminum dump trailers with 30' frame Joleo Farm 301 928-3655

1979 dual wheel Chevy pickup $8300, 1975 Diamond horse trailer (6 horse) $2600 717 442 9046 after 7 30 P M

For Sale - B61 Mack tandem dump diesel, new bearings & crank turned, needs piston, body in fair condition 215-445 6541

For Sale 1973 Int 2010, tandem axle with new 20' Midwest grain body, 52" sides, 18 ton hoist 717 865 6710

16' bed with pockets for sides Lancaster Co 717 786 1882

For Sale 1975 Mack Tractor R Model, 5 speed Max, 1973 Morgan Dump Trailer 301 374 6378

160 IH truck with 14' dump bed and cattle rack, cab, $2000 814 364 1349

1976 F600 extra heavy duty truck with 18' horse and cattle body 5 sp transmission, 2 speed 17,500 lb rear, 920 rubber exc cond, will sell body separately Leonard Ott Rt 1 Box 319 Equinunk, PA 18417 717 224 4176

1974 IHC 1700 With 24 Jerry Dan Roll Back $9500 00, 1974 F600 Ford Flat Dump Clean $4975 00, 69 Kenworth SA 238 Very Clean $3975 00 20 Steel Dump $1975 00 22' Aluminum Dump $3900 00 5800 Gallon Stainless Steel Trailer $7500 00 32' SA Trailer $1000 00 1975 LT 9000 TA 318, PS 38R Very Clean $12,975 00 Others Trade, Finance 814 793 7829 Curry Supply

Stake body 10, steel deck, steel forward bulkhead side racks Fits ¾ and 1 ton single or dual rear wheel trucks $450 717 739 2493

For Sale 1965 White Truck Tractor, 10 speed, Wet line, 220 Cummins recently overhauled 16 ft dump trailer 301 790 2664

1975 Chevy C 65 427 engine with 9' Stoltzfus spreader body, 717 394 1257

1700 International truck, cab & chasis, GVW 26000, 2 speed rear end, $800, Huntingdon Co 814 667 2297

Hillsboro Gooseneck and straight hitch trailers Hostetler Truck Bodies and Trailers, Milroy, Pa (717) 667 3921

Moritz Livestock Trailers and Feeders Hostetler Truck Bodies and Trailers, Milroy, Pa 717 667 3921

1970 Diamond Reo Truck, 26 000 GVW, 20' straight wooden bed, new inspection and new tires, $3500 717 626 8487 eves

1972 Ford 720 with 22 foot flatbed, new paint, 30,000 GVW 717 367 3202

TRUCKS & TRAILERS

For Sale - 12' aluminum dry freight van body, 73 Chevy C 60 with 14½ ft cattle bed 717 786-3394

For Sale 20 aluminum cattle body 22 wood cattle body 20 wood cattle body M H Eby, Inc, Blue Bail, Pa 717 354 4971

Ford F 350 78 custom, all aluminum flat bed, 460 engine, A/C, PS auto, 7 50x16 Michelin 12 ply tires, 2 fuel tanks, loading ramps, set-up to pull trailer, adjustable ball hitch, concealed prior mini 5th wheel, exc condition, owners personal rig 36 000 mi $9,500 South Jersey, 609 927 4564

Grove 26' rollback big winch wood deck, tool boxes on 64 Mack B 75 tandem diesel, 10x22 radials, good working rig $11,500 South Jersey 609 927 4564

Steel dump bed for sale, 12' length, with all hydraulics Call 717 898 7443

TRUCKS & TRAILERS

Big road tractor 68 autocar w/Cummins 220, 55 000 rears, winch, new wet line kit V G condition $13,500, 62 Mack B 83, w/Cummins 250, 60,000 rears, wet line, excellent condition $17,000, 48 sterling Waukasha 70,000 lb rears winch for antique restoration $4200, Rogers 75 ton low bed trailer w/25' Beam deck or 30' flat deck, HRG, tri axle $28000 South Jersey 609 927-4564

J R Opp Co Custom Truck bodies R1, Muncy, PA Ph 717 546 3397

For Sale Carry out specials Pickup truck windshield, 1973 to 1979 Ford clear $76, shaded $87 1973 to 1980 Chevy clear $74, shaded $84, 215 384-0593

Fruehauf aluminum dump trailer, 22' bed with 22' rubber Price $4500 Shippensburg 717 532-9271

TRUCKS & TRAILERS

For Sale 1978 livestock trailer, 16 long 717 291 9769

For Sale Ford W1000 tractor, cab bad, 318 Detroit, RT910 trans, 38000 rears, 4 11 ratio, will sell complete truck or any components Lebanon Co, 717 865 3488

1974 Ford F350, PS, 12' body, good condition $2300 301 795 9631

FOR SALE

- 43 ft insulated Kentucky van trailer wood floors
- 34 sleeper for truck
- New 10x22 tires tubes and flat $150 each
- Storage trailers for sale or rent

Keens 717-626-5420

HOUSEHOLD GOODS

Special 10% discount for young married
Washing machine engines, brackets and/or air motors, cheaper rates for lawn mowers brought in before spring
Briggs & Stratton Authorized Service Center
Samuel S. Stoltzfus
2447 Stumptown Rd
Bird-in-Hand, PA

TRUCKS & TRAILERS

For Sale - Int Transtar sleeper cab w/Ti Brook aluminum dump trailer Ford 10 wheeler with Morgan dump box 814 422 8758

House moving set up, 3 35 ton 8 wheel steering dollies, 10 jacks, good asst of steel Will sell all or part Call if interested South Jersey 609 927 4564

AVIS TRUCKS

LANCASTER
1710 Rohrerstown Rd
717-569-2648
YORK
1116 Roosevelt Av
717-764-1178

USED TRUCKS

ALL PRICES REDUCED

Fully Reconditioned One Owner

1974 CHEVROLET 14' CAB & CHASSIS CE65
366 V8 engine, 5 speed transmission, power steering, AM radio, 9 00x20 tires new paint, recent overhaul

1975 FORD 16' CAB & CHASSIS LN700
361 V8 engine, auto transmission, power steering, AM radio, 9 00x20 tires, 26,000 license

1975 IHC 7½' DUMP BODY 1600
345 V8 engines, 4 speed trans, power steering 8 25x20 tires, exceptionally clean

1975 FORD 16' REFRIGERATED VAN LN7000
175 HP Cat diesel engine 5 speed transmission, 2 speed rear, PS, AM radio, dual 50 gal tanks, duralite body and new paint

1975 CHEVROLET 20' & 22' VANS TE67
with or without lift gates, 366 V8 engine, 5 speed transmission, power steering, radio, new paint

1975 IHC 18' CAB & CHASSIS 1700
392 V8 engine, 5 speed transmission, 2 speed rear, dual tanks 11x22 5 tires, low mileage

USED TRACTORS

1974 CHEVROLET TRACTOR HI9143
Single axle 671 Detroit, 10 speed, power steering, new paint, & major overhaul

1974 CHEVROLET TRACTOR FI9193
Single axle sleeper, 671 Detroit 10 speed, power steering, air conditioning, just overhauled, exceptionally clean

1974 FORD TRACTOR WT9000
Tandem axles, diesel, sleeper, 318 Detroit engine, 13 speed transmission, air conditioning, power steering, radio, aluminum cab, new paint

1974 IHC TRACTOR C04070
Tandem axle, diesel, sleeper, 318 Detroit engine, 13 speed transmission, air conditioning, radio

1974 CHEVROLET TRACTOR Titan 90
Tandem axle diesel sleeper, 318 Detroit engine, 10 speed transmission

1976 PETERBILT TRACTOR 352S86
350 Cummins, 13 speed trans air conditioning, power steering, new paint & recent overhaul, tandem axle diesel sleeper

USED BODIES

12' ALUMINUM VAN BODY
1977 Morgan pre painted white aluminum panels overhead rear door, curb-side door, step level bumper, slatted interior, like new

14' & 18' ALUMINUM VAN BODIES
1974 & 1975 Morgan, pre painted aluminum panels, overhead rear door, curb-side door, slatted interior, 2500 lift gate, new paint, with or without lift gates

14' & 16' REFRIGERATED VAN BODY
1975 Duralite aluminum smooth skin, extruded aluminum floor, new paint, XMT20D thermoking unit with electric standby

Complete maintenance records available for inspection. Other makes, Models & types to choose from

1980 Aspen 2 door, 7000 miles
1977 Pinto wagon, 26,000 miles, auto, PS & air
1980 Aspen 4 door sedan, auto, air, 11,000 miles
1978 Diplomat 4 door Medl, full power
1980 Chrysler Cordoba, 6 cyl, fully equipped
1980 D50 pickup - Special
1977 W-200 Club Cab, 4 wheel drive 4 speed
1972 Duster, 6 cyl, real nice

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367-1808

DUMP TRUCKS

1974 Ford F700, V8, 4 Spd, 2 Spd Rear, 21,000 GVW, 34,000 miles $6995

4 WHEEL DRIVES

1979 Chevy Blazer Cheyenne, V8, Auto, PS, PB, AM-FM $7995
1979 Ford F150 Pick Up, V8 Auto, PS, PB, Radio . $6995
1979 Chevy C20, V8, PS, PB, AM-FM, Dual Fuel Tanks, 24,000 Miles $6495
1979 Scout, V8, Auto, PS, PB, Radio, Lock Out Hubs $5995
1966 Int. Scout, 4 Cyl, 3 Speed, Lockout Hubs, New Inspection . $1495

VANS

1978 Chevy C65, 16 ft. Van, V8, 5 Spd, PS, PB, 50 gal tank, new tires, extra clean, 35,000 miles $5795
1977 Ford F150, Econoline, V8, Auto, PS, PB . $3795

PICK UPS

1980 Chevy C10, Dsl., V8, Auto, PS, PB, Twin Fuel Tanks, Like New .. $7195
1980 Chevy Step Side, Short Bed, 6 Cyl, Stick, PS, Radio $5695
1979 Datsun, 4 Cyl., 5 Spd $5595
1978 Chevy Luv, 4 Cyl, Auto, Air Cond., AM-FM, 7' Bed $4995
1978 Ford F100, 6 Cyl, Stick $4295
1978 Chevy C20, V8, Auto, PS PB $4695
1977 Datsun, 4 Cyl, 4 Spd Cap .. $3295
1977 Chevy C20, Bonanza, V8 Auto., PS, PB, AM-FM Tilt Wheel . .. $4595
1977 Chevy C20, Silverado, 350 V8, Auto, PS, PB, AC, Power Windows & Door Locks, Tilt Wheel, AM-FM $4995
1977 Dodge 200, V8, Auto, PS, PB, Radio $2995
1977 Ford F250, Crew Cab, V8 Auto, PS, PB, Radio $3895

24 More Pick Ups To Choose From
WE DEAL!

MIKE RHODES & CO.
"THE TRUCK PEOPLE"
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
Area Code 717 or 215 Call Toll Free
1-800-362-7655
or 215-327-1380

HOUSEHOLD GOODS

For Sale - 2 door Norge gas refrigerator, god condition 717-866-5619

AUTOMOBILES

1980 Jeep Renegade, 4 wheel drive, 6 cylinder, 4 speed, PS, stereo, teal blue with hardtop Still under warranty, 18 miles per gal $7500 or best offer Adams Co 717 528-8501

PETS

For Sale English Shep phard registered puppies Parents are farm dog Clark Switzer, RD #2, Penn Yan, N Y 14527, Phone 315-536 4517

White German Shepherd male pup with papers 717 548 2462

AUTOMOBILES

PETS

For Sale Australian Shepherds Reg ASCA & IESR Welped Nov 2 These farm raised pup pies will work for you on cattle, sheep, goats, etc Loyal & protective 301 758 2749

Purebred reg female Beagle, 7 months old $35, 717-345-6278

AUTOMOBILES

Rabbits Mini Lop Bunnies (miniature French Lops) Pedigreed 717 244 8998

Purebred Australian Shepherds A S C A Registered Bred for temperment working, conformation, excellent with children, Reasonable Call Wendy 201 647 5928

FREE - Farm cats, healthy, all colors, some part Angora 717 626 4691

AUTOMOBILES

PETS

AKC Newfoundland puppies, ready to go, 1 Pet female, several males, pet and show potential fine pedigree, guaran teed, 717 784 1206

Queensland Heeler pups, females, one Tri colored w/DDL mask & one blue Excellent cow dogs Registered Reasonably priced 215 348 5704

AUTOMOBILES

PETS

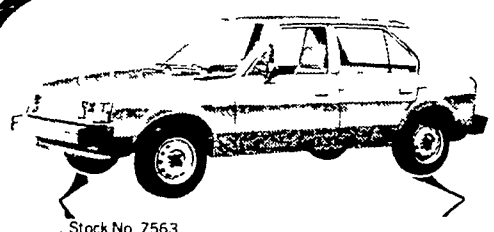
Need puppies, will pur chase in litter lots and pickup at your farm or kennel Also, interested in breeding? Call 609-779-1660

For Sale - Beautiful Registered border collie puppies from imported champion Scotish working parentage, finest stock, handling and obedience dogs, ready to go Walt Jagger, Hop Bottom, PA 717-289 4663

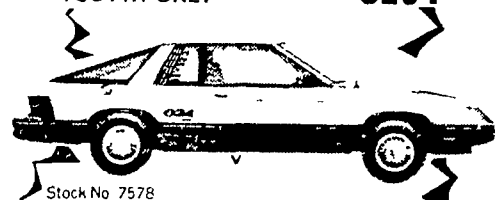
Border Collies from working stock, $125 301 778 1682

WANTED TO BUY

Puppies 6 to 9 weeks old in litter lots Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett 3743 N 5th Street Philadelphia PA 19140 or call between 12 noon & 6 p m Mon Tues & Thurs only 215 229 0449 Give breed age color when writing Also some kind of direction Thank you



Stock No 7563
BRAND NEW 1981 DODGE OMNI MISER 4 DOOR HATCHBACK
Sunlight yellow with tan vinyl bucket seats 4 speed manual transmission front wheel drive radial tires
SELLING PRICE $5584
Less Chrysler's 7% Allowance 390
YOU PAY ONLY **$5194**



Stock No 7578
BRAND NEW 1981 DODGE 0-24 OMNI 2 DOOR HATCHBACK
Graphic red with red cloth and vinyl bucket seats 4 speed manual transmission power steering white sidewall tires wheel covers radio front wheel drive
SELLING PRICE $6517
Less Chrysler's 7% Allowance 458
YOU PAY ONLY **$6059**

Stock No 7021
BRAND NEW 1981 DODGE COLT 2 DOOR HATCHBACK
Blue metallic with blue vinyl bucket seats twin stock 4 speed manual transmission radio wheel trim rings tinted glass steel belted raidal tires front wheel drive
SELLING PRICE **$5554**
Less Chrysler's 7% allowance 389
YOU PAY ONLY **$5165**

Stock No 1026
BRAND NEW 1981 DODGE ARIES K-KAR CUSTOM 2 DOOR SEDAN
Nightwatch blue with blue vinyl bucket seats 4 speed manual transmission 2 2 liter engine remote control outside mirror upper door frame moldings white sidewall tires front wheel drive
SELLING PRICE $6855
Less Chrysler's 7% Allowance 479
YOU PAY ONLY **$6376**

GOOD NEWS

Chrysler's "Interest Equalization" Program Has Been Extended!!

TO INCLUDE ALL 1981 CARS, TRUCKS, AND IMPORTS!!

This is a Special Limited Offer, to help you beat high interest rates, and could end at any time ... so buy now while you can still save 7% off the sticker price of a new Dodge, in addition to Jack's Special Low Price.

PICK YOUR OWN PAYMENT

You are the only one who knows how much you can afford to pay per month ... so decide how much cash you want to put down, or estimate the value of your trade-in, and deduct it from the sale price. Then add 6% state sales tax to get your balance to be financed. See the chart below and pick your payment. You can raise it or lower it by adjusting your down payment. Put more down, pay less per month.

BALANCE TO BE FINANCED	TOTAL PAYBACK INCLUDING FINANCE CHARGE	YOUR MONTHLY PAYMENT*	BALANCE TO BE FINANCED	TOTAL PAYBACK INCLUDING FINANCE CHARGES	YOUR MONTHLY PAYMENT*
$4500	$5940	$123.75	$5500	$7260	$151.25
$4600	$6072	$126.50	$5600	$7392	$154.00
$4700	$6204	$129.25	$5700	$7524	$156.75
$4800	$6336	$132.00	$5800	$7656	$159.50
$4900	$6468	$134.75	$5900	$7788	$162.25
$5000	$6600	$137.50	$6000	$7920	$165.00
$5100	$6732	$140.25	$6100	$8025	$167.50
$5200	$6864	$143.00	$6200	$8184	$170.50
$5300	$6996	$145.75	$6300	$8316	$173.50
$5400	$7128	$148.50	$6400	$8448	$176.00

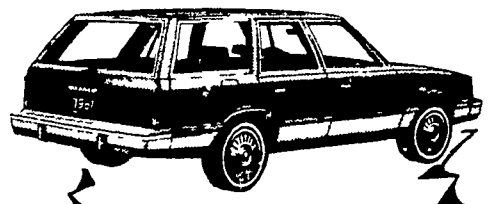
*ABOVE PAYMENTS BASED ON 48 MONTHS AT 14.34% APR

ALL THESE DODGES HAVE FRONT WHEEL DRIVE AND DELIVER 41 MILES PER GALLON HIGHWAY

BRAND NEW DODGE TRUCKS AT DEALER INVOICE

Jack just purchased 30 Brand New 1980 Dodge Trucks - 2 Wheel Drives, 4 Wheel Drives and Ram Chargers. From The St. Louis & Chicago Zones!!

HURRY——YOUR CHOICE AT ORIGINAL DEALER INVOICE!



Stock No 1036
BRAND NEW 1981 DODGE K-KAR CUSTOM 2 SEAT WAGON
Baron red with red vinyl interior 6 passenger seating 4 speed 2 2 liter engine remote control out side mirror power steering heavy duty suspension white sidewall radial tires front wheel drive
SELLING PRICE $7423
Less Chrysler's 7% Allowance 519
YOU PAY ONLY **$6904**

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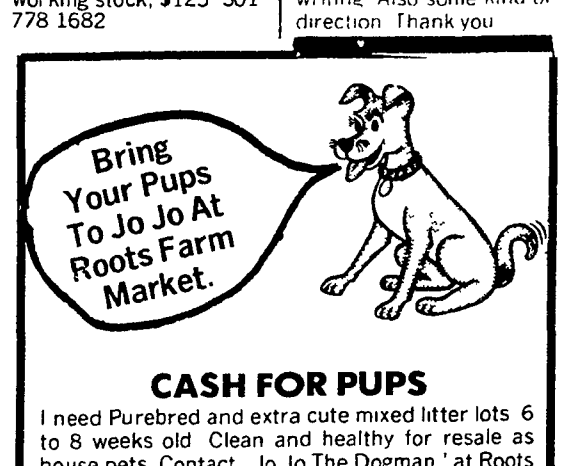

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Band saws, grinders, slicers, tenderizers, new splitting saws, $195 walk in coolers G R Grundy Doylesburg, Pa on Rt 75 200 yrds north of Rt 274 Open Saturday and Sunday 10 A M - 4 P M 717-349-7654

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MISCELLANEOUS

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For Sale Locust posts Christ R Beiler, Rd 3 Box 379 Quarryville, PA 17566 Lancaster Co

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301 996 2022

If you re looking for a farm land or have any other real estate needs you ll find what you want in the Real Estate classifieds 717 394 3047 or 717 626 1164

For Sale Perry County, 1 to 8 acre woodlots, ap proved PH 717 438 3115

For Rent - 50 cow dairy farm in Southern Huntingdon Co Grade A milk market Available April 1 Write P O Box 366 L 129, c/o Lancaster Farming, Lititz Pa 17543

Farm For Sale to settle an estate, 74 acres more or less in Nine Points area Call after 3 P M 717 529 2714

MISCELLANEOUS

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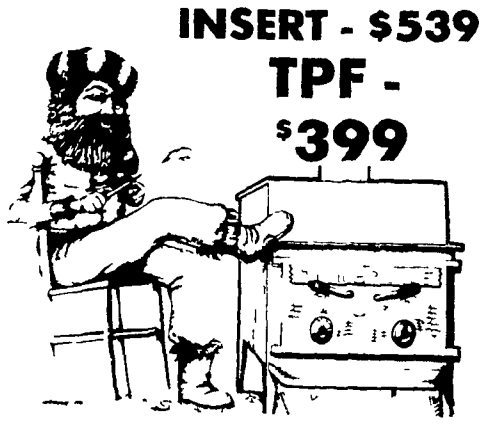

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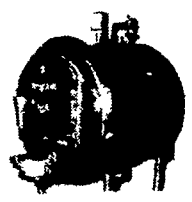

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REAL ESTATE

Wanted to Rent Farm land for spring 81 P O Box 444 Federal Sq , Harrisburg, Pa

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Exceptional 2 story 3 bedroom remodeled farm house, wood burners in large country kitchen and living room 1½ bath plus many extras good barn, fantastic view on 115 acres with 70 acres of level to rolling open land with sparkling brook ideal horse farm, 2½ miles from PA turnpike exit at Breezewood, PA $95,500, Paul Plovish Real Estate, West 5th Ave , Everett, PA 15551 814 652 5226

Farm for sale by owner 84 acres eastern Lycoming county, plank house stream, 50x60 bank barn, excellent hunting currently used for beef 717 584 2351

125 acre Tioga County dairy farm with 54 tie stall, 5 year old barn, two 16x50 silos, recently remodeled 3 bedroom home $120,000 for quick sale by owner 717 673-5769

Wanted Secluded hunting camp or small farm in Lycoming or Tioga Co all replies answered Robert Sher, R D 3376 Fleetwood, Pa 19522

For Sale 15 acres of secluded woodland in Hartley Twp Union Co Pa 717 922 1410

For Sale 119 acre steer & hog farm Union Co , Pa 717 922 1410

For Sale 90 acre farm southern lancaster Co Amish neighbors ad joining, no realtors Write Box 366 L 130 Lancaster Farming Lititz, PA 17543

For Sale Commercial pro perty, garage 40'x60'x12 plus 4000' storage Modern 7 room home with natural gas hot water heat Excellent well water Approx 2 acres land with good block barn Located on Rt 11 1 mile North of Berwick, Luzerne Co 717 752 7191 after 5

Rockingham Co
Farm For Sale
Livestock rolling, approx 100 acres tillable, long frontage on creek, 2 story farm house with bath, large bank barn will sell on terms
Shenandoah Co
Broiler operation 100,000 capacity, approx 60 acres In the top 10% production, A 1 poultry operation
Contact
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703 740 8867
or Warren Good
703 477 3970
R J Clower Real Estate
Woodstock, VA

By Owner Operating 40 tie, 307 acre dairy barn or complete St Lawrence Co , NY 315 328 4646

For Sale 119 acre steer & hog farm, Union Co , Pa 717 922 1410

For Sale - 228 acre dairy farm 160 tillable, 2 houses, 2 silos, dairy barn, in Seneca Co , NY Beside Cayuga Lake Write Box 366 R 38 Lancaster Farming, Lititz, PA 17543

For Rent - Chester Co , 70 acre farm (50 tillable), 34 tie stalls, 44 freestalls, large maternity barn, 18x60 silo with unloader and bunk feeder, stable cleaner, 20x30 tiled milk room, corn cribs, etc, available March 1 215 384 0947

For Rent Farmland and grazing land of lg farm, approx 14 mi west of Lancaster/York Co boundry line More land could be made farmable til spring by clearing out some overgrowth 717 755 5587 after 6 p m

For Sale 94 acre farm limestone loam borders Turbotville Pa borough Public Road frontage Alfred Rovenolt 61 Pine St Turbotville

Dairy Farm For Rent Shippensburg Pa 150 acres 42 stanchion barn 301 833 1847

REAL ESTATE

York County Wellsville Area Exceptionally nice 33 acre farm, 2½ story 4 bedroom house, bank barn, silo, 3 car garage, machine shed hog poultry and misc building Pasture has 2 springs with large tim bers 717-432 4782

$750 monthly, $9000 down buy 179 acre 36 cow expandable dairy, ex cellent milk market balance $80,000 at 11% interest 35 yr mortgage, 15 yr payoff, Write Box 366 R 39 Lancaster Farming Lititz, Pa 17543

Southern Lancaster Co - 151 acre general farm & 77 acre dairy farm 717 548 3181

Montgomery County 14 acres with rebuilt stone house, 4 bedrooms, 2 full baths Large bank barn, corn crib Located at edge of Royersford $135,000 215 948 5084

165 acre Cumberland Co Farm For Sale Near Mechanicsburg, PA level limestone ground large barn, brick house, good spring, frontage on creek, state highway and by I 81 717 647 2623, 932-2476

180 acre dairy farm equipped 4 silos, barn now milking 200 head 7 bedroom residence, 160 tillable acres first time offered owner moving April occupancy period Chuck Artinian Hayes Octoraro 215 857 2141 or 215 593 2732

Northern New York, St Law Co Small farm suitable for dairy or beef Silo granary, borders creek, good 4 bedroom house $49 500 Terms available Have large listing of Dairy & hobby farms Fournier Real Estate, Gouverneur, N Y 315 287 4065

Farm For Sale by Owner 84 acres Montg Co Stone house & outbuildings, room for 40 cows No Realtors Ph 215 754 7407

For Sale 7½ acre far mette with 10,000 cage layer chicken house, Gordonville Area, Lan caster Co , PA 717 393 6530 weekdays

YORK COUNTY FARMING LAND - Total of 20 acres m/l offered for sale, 19 ac m/l tillable, 1 ac m/l wooded Excellent fertile land, close to Norman Wood Bridge, possible owner financing, priced to sell, Value Real Estate 246-1676 RD-141

February Special 140 acres hunting, camping, farm 20A woodland, running water $700 00 per acre Can buy part Clinton Co 215 445 5309

Wanted to rent or buy in New Holland Ephrata area house with suf ficient barn space and pasture for 10 20 head of heifers Call 717 354 0509

Wanted Spring of 81 House and barn for about 50 cows with some pasture Could have cropland but not necessary Send replies to Box 366 L 136, Lancaster Farming, Lititz, PA 17543

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For Sale 400 acre farm on 1 mile road frontage, tillable 250 acres, rest wood and grazing, 2 barns (1) 38x90 with 2 poured concrete silos (1) new barn 32x60, heifer barn hip roof Also new machine shed and grainary hip roof 32x50 House old but livable Well at barn and house,, good water,, also creeks, good hay and grain farm Will sell all or part By Owner write for price Harry Troyer RD #2 Box 68 Norfolk, N Y 13667

Large bank barn and silo suitable for pig farm storage or any other purpose cheap rent Elverson 215 M07 5329

REAL ESTATE

Chester Co Farms
58 acre general farm house and barn, 36 acres tillable, 3 woods, balance pasture Estate must sell 125 acres tillable land Amish neighbor, will sub divid, priced right
Contact Jim Sheetz
215 932 2649
268 2219

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STROUT REALTY

87 acres, buildings good condition, excellent farmland, 3 acres oak timber, commercially zoned area, 6 mi East of Get tysburg in Adams Co Guy Osborne, R D 7, Box 264, Gettysburg, Pa 17325

REAL ESTATE

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Perry County 80 acre general farm, 72 acre tillable, fertile ground, good buildings Ph 717 438 3440

For Sale 120 acres more or less OLEY VALLEY DAIRY FARM with 4 bedroom stone house, barn for 90 head of cattle, all the shedding necessary for this operation, 12 x 50 cement silo, 110 acre tillable limestone soil fronting on 2 roads Sewer available, easy working rectangular shaped land in the heart of Oley Valley Asking $500 000 Call Les Ulrich, Park Road Partners Farm Agent 215 378 0471

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Limestone loam grd
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8½% financing over 40 yrs with annual payments 181 acres, over 80 tillable, PH over 8 5 clear mountain river, large house, bank barn and outbuildings Also mobile home sight with utilities Priceless view of mountains! 2 miles from small town and school Only $1200 per acre By owner, call 703-997-9119

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150 acres, secluded 2 story remodeled house, 4 bedrooms, 2½ baths, 2 car garage, barn and land in good shape, $110,000.
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110 acres, 75 tillable, balance in marketable timber, $115,000

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50 acre parcel, 32 acres tillable, $60,000

for more information contact
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CENTRE COUNTY

Top notch dairy farm for rent, 156 acres, 30 pasture, 30 woodland, 2 story brick house, top dairy barn with stanchions, 8 horse stalls and heifer pen, 2 silos, tobacco shed and corn cribs, carriage shed and workshop.
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717-392-1949 after 7 p.m.

50 ACRE FARM

16 tillable, 20 pasture, fence with creek Some woods, 4 bedroom home, good condition, 2 yr old 50 x 68 heated building with water and electric Suitable for shop, veal with pigs, etc 45x60 barn with 32x60 overshot, loafing area, 5 bay implement shed, 20x20 block butcher house, other outbuildings,
Beautiful View! Mifflin Co

$89,500 Owner 717-899-7418
Adjoining Land Available
77 acres, 11 tillable **$550** per acre
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FRANKLIN COUNTY

160 A dairy 4 bdrm stone house with mod conveniences frame bank barn with 38 stan chions freestall barn 70x40 modern metal heifer shed 1 silo 11x40 1 silo 16x50 2 corn cribs bulk milk tank silo unloader stable cleaner 3 permanent elevators in barn limestone soil 135 A tillable 25 A meadow & woodland

CUMBERLAND COUNTY

28 A farm with going business south of Carlisle along Rt 11 modern 2½ story stone house with all conveniences good cond a new furniture showroom and auction sales room outside horse show ring Plenty of road frontage for expansion

148 A gen farm east of Gratz near Hegins lg frame bank barn lg granary could be converted to living quarters stream in meadow

84 A gen farm frame bank barn east of Pine Grove 80 A tillable

54 A gen farm east of Pine Grove bank barn 3 story chicken house silo 10x40 38 A tillable some woodland

NORTHERN LEBANON COUNTY

80 A gen farm lg remodeled house with part of it new 5 bdrms and bath modern kitchen and dining rm lg living rm, rec rm new 2 car attached garage frame bank barn 37x85 with attached shed 25x29 silo 10x40 imp shed 40x40 70 A tillable 6 A woodland and meadow with stream Hagerstown soil

100 A gen farm 4 bdrm brick house lg kitchen dining rm living rm family rm frame bank barn 85x40 1 story addition 17x40 and attached granary 5 car garage on lower level and imp shed on upper level 80 A tillable 10 A woodland 10 A meadow

CHESTER COUNTY

40 A dairy near Honey Brook 4 bdrm house frame and stone dairy barn 32 stanchions heifer barn attached to barn 2 story loafing shed

YORK COUNTY

57 A gen farm near Delta 10 mi on other side of Norman Wood Bridge 3 bdrm house with mod conveniences double decker frame barn silo 30 A tillable

PERRY COUNTY

56 A farm w/bank barn no house

140 A dairy farm 2 Harvestores 42 stanchions concrete silo

LANCASTER COUNTY

29 A gen farm with lg modern 2½ story frame house in good cond frame barn north of Ephrata

25 A between Mount Joy and Manheim with over 1000 road frontage Some tillable woodland and meadow with stream No buildings

20 A woodland northeast Lancaster Co

CLINTON COUNTY

70 A woodland

Some of the above properties will be financed by the owner to qualified buyers Call us for interview We will be glad to show you any of these properties free of cost

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REAL ESTATE

STILL TIME FOR SPRING SETTLEMENT!

LANCASTER COUNTY

3 Ac farmette, Rt. 896, Southeast of Strasburg, log home, mobile home, barn, etc. Nice location

20 Ac, 300 fruit trees, 2 sty block 24x50 storage fruit bldg., beautiful 10 yr. old 80x30 Ranch brick home w/2 car garage. Including 4 Ac. woods, $150,000.

5 Ac., 3 BR ranch, double carport, includes 3 Ac. woods, remainder till ground Horse or pony barn, 2 story 100x40 concrete poultry bldg., needs work. $49,900.

1½ Ac. farmette, mt stream, pond, Rt. 897 North, priced in the 40's, good hunting

SNYDER COUNTY

FARM NEAR McCLURE - Productive 130 acres General farm with 2-½ story house (completely remodeled) Cherry kitchen. 1-½ baths Bank barn, corn barn, equipment shed and garage, etc. $195,000.

FARM-BEEF SETUP - 99 acre setup for beef and hogs with 18x65 stave silo Jamesway unloader and 80 foot bunk feeder. Barn has concrete floor and headed waterers. 2-½ story 4 bedroom house with oil hot water heat. $165,000. P.S: Store-Mor grain dryer with grain bins for 40,000 bu. storage for an additional $45,000

115 Ac., 60 till., level, fertile, woods, some river front, commercial ground along Rts. 11 & 15, lg. brick colonial 4 BR 2 baths home & farm bldgs $250,000.

28 Ac general, all till., 6 rm house, $69,000

20 Ac woodland, secluded, Rt. 104, $22,000

WOODLAND - 10 acres. Ideal spot for building a cabin Good deer hunting. Priced at $11,500

14 Ac, 5 till., woods, meadow, new fence, stream & good barn, $29,000.

JUNIATA COUNTY

160 Ac, 140 till. general, (2) 2000 bu grain silos, large barn w/loafing area, silo & other buildings. Would make dairy set up 8 room home, old Rt. 322, $300,000.

NEAR THOMPSONTOWN, 72 Ac., 68 tillable alfalfa and corn ground, older barn, frontage on quiet country road. Be sure to see it as it has possibilities Priced to sell at $87,000.

NEAR MIFFLINTOWN, 66 Ac dairy with 38 stalls, bulk tank and dumping station. House with 3 bedrooms, bath plus large eat-in kitchen. Ideal starter farm with possible transferrable F.H.A financing. $160,000.

WATCH YOUR EQUITY grow as you farm this 282 acre general farm complete with 2 dwellings, stream, pond, woodland, large bank barn. Amish community. Silo, implement shed, a perfect brood cow operation, a real value at today's cost of only $285,000

16 Ac, farm bldgs, Thompsontown area, stream, good house, $63,900. Make offer

NORTHUMBERLAND COUNTY

10 Ac. veal calf farm, complete with oil hot air heat, mixer, high pressure washer, total capacity 206 wood stalls $50,000

105 ACRES of limestone soil, 20x60 "Blue" silo, 60 ft. bunk feeder, concrete feed lot, loading chute 85 tillable acres Ask for more details, only $150,000.

DAIRY FARM 58 stalls with bulk tank, dumping station Excellent set up for the young ambitious farmer Large frame house, 4 Br., mod. kit, bath. Priced at $200,000

MONTOUR COUNTY

New Listing - 50 free stall barn, 4 unit pipeline, milking system, 4 bdrm., lovely, like new Rancher. Total of 123 acres plus extra rented ground available Nearby I-80 Danville exit, $225,900

Under $900 an acre, good starter farm in a secluded setting. Good soil, fair house, woodland, stream, etc Would consider a trade. Owner financing.

COLUMBIA COUNTY

126 Ac., approx. 90 till., good stream, quiet setting, productive potato, alf corn land, sturdy lrg. barn, 2 story home, some timberland, off Rt. 42 Possible financing. $139,900.

DAUPHIN COUNTY

9 Ac farmette, near Rt 230, secluded, $55,500

For Information On These & Other Penna. Farms Ask For One of the Farm Men

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REALTORS
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Lancaster
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or Leola 717-656-6717
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LOOKING FOR A FARM WOODLAND, ETC.?

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RE Salesman & Auctioneer
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717 656-6717 or
717-464 2233

FARM - LYONS NY

Approx 190 acres, 130 tillable early ground, 1 story insulated barn, 6,480 sq ft with auto fans, manure cleaner, formerly used for chicken and hogs, 18 ton silo, 24x42 garage, 8000 sq ft 2 story barn, formerly dairy, loading docks and equipment sheds, nice 3-4 bedroom home, modern kitchen with Sun trenched eating area, formal dining room, living room, family room, attached 2 car garage Owner financing available **$215,000.**

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165 E. Union St. Newark, NY 14513
For Apt. Joan Stauring
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NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

EVERYBODY CAN AFFORD THIS ONE! - Operating Dairy Farm in Sullivan County 36 new comfort stalls 10 smaller stalls 30 ex free stalls in back with automated bunk feeder Barn Cleaner for both sections of barn. 1000 gal bulk tank & universal pipeline. One 20 x 60 silo w/unloader Approx 136 acres 60 tillable. 125 tillable lease ground for approx $7 p/acre. Ex 2 story, 4 bdrm remodeled home w/2 types of heat & rewired. Also inground pool Just $115,000 M-155 PH 717-662-2138

189 ACRE DAIRY FARM - 60 ac pasture, 85 ac tillable, 5 BR Colonial home 45x90 barn with 44 tie stalls and attached 20x100 heifer shed, 16x40 silo, milk house w/bulk tank, 32x36 barn w/hay storage Much much more Cattle & equip available $129,000. W-520 PH 717-724-5921

TIOGA COUNTY BEST - 121 ac Dairy farm with 90 + tillable 2 yr. old ranch style home VG condition Brand new 24 head dairy barn, two 14 x 30 new silos with unloaders, new milk house, much more. $120,000 W491 PH 717-724-5921 Owner Anxious!

VEAL FARM - 120 HD operating Veal farm with potential for 300 head or more in 3 large existing buildings Garage & workshop Gas operated generator, 2 wells Gorgeous 3 BR house, attached garage, much more. All on 28 ac Reduced to $79,500. PH 717-724-5921

200 ACRE FARM - $77,500 - Lg L shaped barn w/40 + stanchions, 14' x 32' silo, gutter cleaner intact, lots of hay storage 85 ac till., 40-50 ac pasture w/year-round stream Gravel pit pays taxes House has 1½ baths & fieldstone fireplace-needs repairs 29% down 10½% int 20 yrs - $550/mo Can sell 150 ac for $57,500 C-459 PH 814-367-2249

YOU CAN AFFORD THIS!! - Only 25% down 10½% int for 5 yrs Your choice of 3 to 24-acre parcels in E Potter Co Mostly wooded w/southern exposure Genesee R thru prop All sewage approved and surveyed Perfect for camp or home. C-405 - 413 PH 814-367-2249
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FARMS Otseg & Herkimer County:

144 Acres, 90 tillable, 48 head cattle, pipeline milker, full line excellent machinery Very nice home $165,000

250 Acres, 190 tillable, pipeline milker, 64 cows, full line machinery, 2 family home, new 38x200' barn, large assumable mortgage @ 8½% interest

200 Acres 160 tillable, new 40x170' barn, 3 silos, 85 registered head Full line equipment $375,000

207 acres farm, 20x45 Harvestore, 20x70 Harvestore, 16x38 silo, pipeline milker, 50 cows, 25 heifers and calves Full line machinery $363,000

United Farm Agency
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315-866-7909

FARM FOR SALE

2 miles south of Quarryville, PA, between Rt. 472 and Rt. 222 on St. Catherine Dr

103 acres, 80 tilled, 4 woods, 19 pasture with stream, 45 cow barn with 1 yr. old Surge pipeline with energy saving hot water system. 1 yr old Patz barn cleaner, 5 box stalls, work shop, good productive land. Road frontage.

Old farm house, 4 bedrooms, kitchen, L. room, D. room, bath, walk-in basement, oil-h. water heat, 2 chimneys for wood stoves.

25½ Acre Small Farm, house and small barn, with pond.

Robert and Lillian Graeff,
owners
Rd 2 St. Catherine Dr.
Quarryville, PA 17566
717-786-3874

CENTRAL PENNA. FARMS

CLINTON COUNTY
90 acre limestone general, Amish neighbors Financing Call Mr Stern

CUMBERLAND COUNTY
33 acre secluded, 20 wooded, no buildings, stream Call Mr Niesley

FRANKLIN COUNTY
170 acre limestone dairy, 18 ties, 2 silos, financing Call Mr Crawford

JUNIATA COUNTY
10.5 Acre Farmette. Modern Cape Cod house Call Mr Crawford

65 acre limestone general, complete set of buildings, road frontage Call Mr Benner

50 Acre Hog and Poultry. Limestone and sandstone soil Call Mr Benner

MIFFLIN COUNTY
118 acre limestone dairy, 87 freestalls, 3 silos Call Mr Crawford

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SHOWPLACE FREE STALL COMPLEX STOCKED & EQUIPPED 435 acres 265 tillable top corn producing soils 120 cow free stall barn with 84 Y S Stalls Double 6 glazed block parlor 2 Harvestors plus 3 other unloading silos Complete automatic feeding Large Early American home also showplace quality 7 lrg tractors modern equipment, cattle $615 000 or will sell bare

280 ACRE DAIRY, level & rolling fields 120 tillable about 75 pasture 42 cow barn two 14x40 silos unloader dump station 40x50 pole barn Also 80x80 barn w/tool shed 9 room home hot water heat $134 000 bare or $245 000 stocked and equipped

FREE LISTS
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NORTHUMBERLAND CO. & SURROUNDING AREAS

51 acre farm no house new barn subdivided & approved good return potential Possible owner financing at 10% interest $89 000

Plain Acreage

5 acres to 125 acres from $1000 per acre to $2000 per acre

25 acres ½ tillable balance wooded stream through borders large trout stream $37 500 Financing at 9½% Owner will divide this in half

125 acres 75 tillable balance wooded owner financing at 9½% Owner will divide

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LANCASTER COUNTY

99 ACRE CROP FARM with nearly 85 acres tillable, remodeled farm house steer barn, bank barn and other out buildings all in excellent condition Owner financing and priced less than $3,800 00 per acre Hurry

PERRY COUNTY

LOG HOME setting in the middle of 72 acres Approximately ½ farm land and ½ woodland with valuable timber Make this your hunting camp today $98,000 00

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Berwick, PA 18603
717-759-2216

HORNING FARM AGENCY, INC.

Main Street
Morgantown, Pa
215-286-5183

167 Acre general farm 11 rm frame house, no barn Possible owner financing Less than $750 00 per acre

140 Acres 90 acres tillable, 50 acres woodland

45 Acre dairy farm Small silos, 4 bdrm frame house Owner financing

Titus Snader - Agent
717-437 2714

MONTOUR COUNTY
45 stanchion dairy farm, silo, 83 acres, approximately ½ tillable

DAIRY FARM
30 stanchions, 119 freestall barn, barn cleaner, pipeline, bulk tank, silos - 24x60 & 16x50 with unloaders, 3 bay equipment shed & 14 acres. A 4 bedroom house & a 3 bedroom house. East of Rt. 15, Williamsport, PA.

DAUPHIN COUNTY
58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable. 30 acres more can be leased. Financing at 9%.

CLINTON COUNTY
140 acres, $700 per acre

NORTHUMBERLAND COUNTY
Dewart
97 acres, river bottom soil, 56 stanchion dairy.

COLUMBIA COUNTY
70 acres, general, 52 acres tillable

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215-267-7963

FARMS FOR SALE...

- ★ 30 Acre Modern Hog Confinement $195,000
- ★ 100 Tillable Acres, Limestone Farm, Bad Bldgs. $325,000
- ★ Extra Large Dairy Farm ..... Excellent Terms
- ★ 26 Acres, Gentle Southern Slope, Private Setting $52,000
- ★ 72 Acre Beef Operation $155,000
- ★ 188 Acre Farm $395,000
- ★ 100 Acres of Land, Road Frontage $210,000

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160 Acre farm with attractive brick colonial house in good condition 140 acres are level top quality cropland metal 40x96 building and an implement shed all aspects of this property are well above average including terms and condition of owner financing **$220,000**

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Call write or drop in

FARMS & LAND

FO-51 If you really want to buy a farm keep reading — General farm in central Snyder Co 188 acres with over 100 acres tillable Bank barn and other outbuildings 2 story 8 rm log home with aluminum siding Only $175,000 Realtor has authorization to work out any number of owner financing options at low interest rate

FO-25 Don t let interest rates scare you This farm also has many financing options thru owner Farm consisting of 145 acres Near Mc Clure Good soils Approx 100 tillable acres Listed at $175 000

FO 74 Juniata Co near Mifflintown General farm consisting of 24 acres Nearly all tillable 7 room house with 3 4 bedrooms New aluminum siding Mostly all renovated Includes new addition 1½ baths 40x48 bank barn Good soils Nearly level Only $65 900

Small and Large Tracts of Open and Wooded Land Available from $3,800 to $144,000.
Other Farms Also Available

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ADAMS COUNTY

1 mi N of Abbottstown on #194 83A Beef & Hog farm, lg 4 BR stone house. mature shade, Barn 60x100 feedlot, silo with new unloader, hog barn, double corn crib, grain bin with dryer, shop and other buildings $169,000 — more/less land available

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RELATORS
East Berlin, Pa.
(717) 259-7122

SHOWPLACE

Free Stall Dairy Farm

310 Acres 100 acre river flat 74x170 barn with 112 free stalls milking parlor 3 large silos 40x100 heifer barn Beautiful colonial red brick 2 family home paved drive $275 000

POULTRY AND DAIRY FARM

144 acres 5 acres spring fed lake poultry house caged for 20 000 birds automatic feeding Dairy barn for 34 cows bulk tank barn cleaner 28x144 heifer barn 4 car garage Good 5 bedroom 2 bath home $135 000

McKee Realty
Main Street
Cincinnatus, NY 13040
607-863 4181

110 Acre Dairy 31 cow stalls, lots of room for dry cows plus new heifer barn Block milk house, horse stable, lg frame house Good land lays very nice Equip shed, 2 silos, Diesel unit Montour Co $175,000

211 Acre Dairy farm 150 tillable 46 stalls, horse stable, 3 silos, milk house, equip sheds, 2½ sty house Near Jacksonville, Center Co

35 acres near Terre Hill, bank barn

Near Zinns Diner, Rt 897 2½ acres of land & stream, 2½ sty frame farm house Nice condition

Perry Twp., Berks Co, Pa 40x336 controlled environment layer house & egg production plant, situated on 12 acres of land Built in 1965 with capacity of 26,000 60x80 egg production plant (needs up dating) Plant has Aquamagic Washer & Grader - handles 50 cases per hr Near Rt 662 @ Shoemakersville.

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CENTRE COUNTY

103 ACRE FARM Present use beef could be readily converted to DAIRY Hagerstown soil w/good fertility Excellent location adjoining hardtop road Two story HOUSE 2 story BANK BARN with COMPLETE OUTBUILDINGS! $198 000 with SELLER FINANCING!

FAVORABLE financing terms by owner on 46 acres of land with STREAM in Blair County $36 000

WOODED area 30 acres w/building sites 1½ miles from Sayre Dam $23 750

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111 ACRE ADAMS COUNTY FARM

Equipped for broilers beef and hogs 55 000 broilers automatic includes generators for entire farm 100 head of cattle capacity Housing for 200 head of hogs Both with automatic water and self feeders 40x65 bank barn silo 27x54 Morton steer barn 22 000 bushel capacity grain bins and dryer Large dwelling 4 bedrooms 2 baths family room with fireplace modern kitchen sun merhouse 3 car garage and other outbuildings

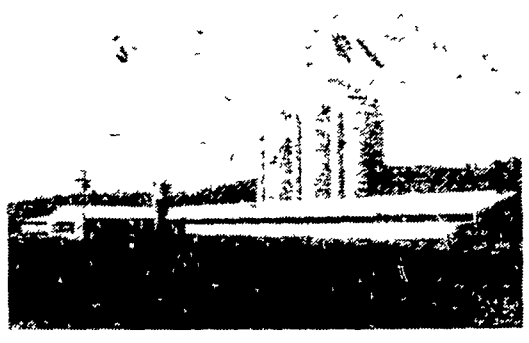
Danner's Inc.
East Berlin, PA
(717) 259-7122
Kenneth Walker 624 8867

15 ACRE FARMETTE FOR SALE

New Ranch style home, 6 rooms, 1½ baths, total elect, fully carpeted, Anderson thermo pane windows & storm windows, pecan windows, Frigidaire appliances, finished heated cellar Attached to home - 12 ft concreted breezeway & 32x34 heated & insulated garage, fully equipped 3 acres of landscaped lawn 2½ miles from Mansfield, Pa Horse barn, vinyl siding, new sidewalks

FRANK MASSARA
R.D. 1, Odell Rd.
Mansfield, Pa. 16933
717-662-3957

300 ACRE FREE STALL DAIRY FARM - FOR SALE

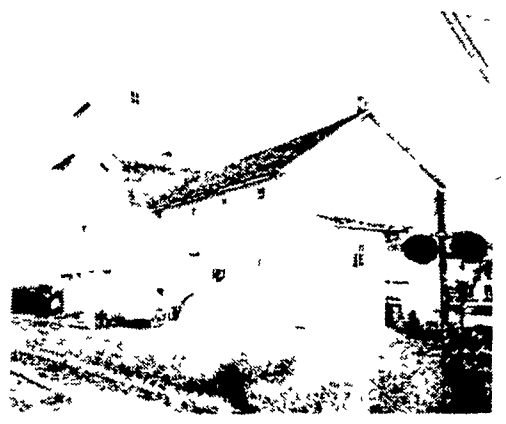


FF-195: 200 plus acres of productive cropland. Three 24x60 silos - 960 gal. bulk tank - 16 cow milking parlor - bunk feeders with augers — Ten Room Farm Home in fair condition - Central New York Location; PRICE $275,000.00 29% down payment and owner will carry (9% int. - 30 year terms on balance.)

For appointment and information

Call 315-855-4162

REAL ESTATE



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UNITED® FARM REAL ESTATE

BEDFORD COUNTY - 275 acres beef barn, large silo frame house needs repair 159 acre crop farm, 110 tillable, nice house some owner terms

WANTED Farm in Central PA with 65 stanchion barn All info kept confidential

BEDFORD COUNTY-FARMETTE-25 acres with large barn & show barn, other buildings, good home

LARGE 200 HEAD DAIRY with double six parlor, 20x60 stave, 20x60 harvestore & 20x70 Crop store Badger slurry system, 2000 ton trench (200 head free stall barn) Home has been completely remodeled - large family room with woodburner 7 bedrooms laundry room w/w carpet

104 ACRE MIFFLIN CO DAIRY FARM All buildings in excellent condition Large 40x80 cow barn, laminated rafter w/attached 36x72 heifer barn 40x64 implement shed 14x16 milkhouse w/500 gal bulk tank, 20x65 & 14x50 silos, 5 bedroom house in excellent condition Priced for quick sale $189,000

HUNTINGDON COUNTY DAIRY FARM 176 acres with 125 acres of level farmland in hay & corn Barn set-up for small herd Stream on two sides Comes stocked & equipped

LARGE FARM & DEVP LAND 1050 acres Includes 350 tillable, 300 woodland, two stone homes PLUS 18 HOLE PGA APPROVED GOLF COURSE, large devp area with stream

PRODUCTIVE 200 ACRE DAIRY FARM - Over 100 tillable, 48 cow barn Rafter barn Pipeline, 4 bedroom home W/WO cows & equip $200,000

190 ACRE BOTTOM LAND FARM Approx 180 tillable Excellent for corn & beans Long road frontage Large barn used for beef $219,000

15 ACRES with 25 additional tillable acres available $16,900

160 ACRE DAIRY FARM SET-UP — for small herd - 15 stanchions bulk tank - wood silo Hog pen garage - equip shed spring house large farmhouse Near 138 acre farm $225 000

SAW TIMBER 154 acres in Central Pa in Nittany Valley Estimated 400 000 bd ft $59 000

SAW MILL - Only saw mill in Pa with guided tours Includes 536 acres of timber that will cut over 6000 bd ft per acre

62 4 acres on Jacks Mountain Excellent hunting

BLAIR COUNTY Morrison Cove Dairy Farm, 117 total acres, 7 pasture with Clover Creek running through, 3 acres woodland, 100 acres rich limestone flat farmland, large bank barn with 30 stalls, bulk tank machine shed, 3 car garage, hog & chicken pen, corn crib shed Mountain water piped to house & barn, drilled well, near Old Order & Eastern Mennonite Churches $275,000

HUNTINGDON COUNTY 150 acre farm, good for small herd

HUNTINGDON COUNTY 188 acres good limestone farm land Large 20x70 silo w/unloader Excellent owner terms, immediate possession $191 500

HUNTINGDON COUNTY FARMETTE-Large 4 bedroom home in tip top condition, 3 bedroom rental home, 3 bay insulated & heated garage, large barn with new horse stalls, heated wood working shop, 10 acres with more land available, good frontage, $116,500

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HALE REAL ESTATE

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Evenings - 717-532-7372

107 acre general farm located in Franklin Co 3 floor bank barn, hog pen, implement shed, smokehouse, springhouse 2½ story brick house with 6 rooms, 1½ baths, fireplace All buildings in excellent repair **$175,000.**

FARMS & LAND

139 acre dairy farm in Amish community **(Ask about 5% financing).**

Remodeled stone house over 200 yrs old w/12 commercial acres near Hershey

230 acre fruit farm near Shippensburg, owner financing available

600 acres, 3 houses, huge grain facilities

46 acres Lancaster Co

23 acres, 4 bay garage, bank barn, large house, level land, $92,000

55 acres, Cumberland Co, 3 bedroom house & bank barn, $110,000

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HARFORD COUNTY MARYLAND

Whiteford - 122 acre dairy farm, excellent tillable land, 5 bedroom frame home, 41 stanchion barn, $300,000

Horse Farm - 10 acres, 4 bedroom remodeled colonial home, 9 stall barn, pond, post and rail fence, $130,000

North Harford - 25 acres, mostly tillable, good home site, $59,900

95 acres - half tillable land, fronts three roads, half woods, stone shell, $190,000

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ALL TYPES OF DAIRY & HORSE FARMS IN CENTRAL NYS

450 Acres $110,000 bare
190 Acres $ 87,000 bare

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251 ACRE dairy farm Stocked & equipped 80 head & full line of machinery Good stall barn, separated from heifer barn 2 silos 1 unloader 156 ac tillable 35 woods balance pasture Above average 5 BR brick home $280 000

222 Acre Dairy 57 tillable 145 pasture 20 woods 44 stanchions 12 x35 silo with unloader pipeline barn cleaner bulk tank 30 x56 main dairy (30 x42 and 17 x30 addition) Lg 3 bedroom home $94 000

150 Acre beef sheep recreation or investment 4 bedroom ranch home and barn $69 000
70 Ac with barn $47 250
50 Ac with terms $23 250
33 Ac Retreat old house barn $23 300
20 Ac Land $15 000
10 Ac Land $8 000
5 Ac Cabin $14 000

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REAL ESTATE

KEY REAL ESTATE

106 York St Hanover Pa
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Gettysburg
334-8144
Westminster
301-848-C080
York
845-4810

L-3284 Adams Co 82 acres mostly tillable land, 2400 ft. road frontage $124,000

L-3291 York Co 30 acres mostly tillable, approx 8 acres hardwood trees, beautiful location $50,000

L-3402 Adams Co horse farm, 100 acres all fenced, 104 x 120 ft horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool Nice setting at $310,000 May be purchased without rancher home and 10 acres for $230,000 , 12% financing

L-3162 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder Sellers will sell dairy & layer separately to two simultaneous buyers $310,000

L-3327 Juniata Co Dairy, 85 acres mostly tillable, large bank barn, large brick & frame home Fronts on Rt 75 & Tuscarora Creek, additional acreage available for lease or purchase $135,000 Owner financing available

Dan Rodgers 717-632-3468

112

Longacre FARMS AND COUNTRY PLACES

MONTGOMERY COUNTY

75 acres, $3,500 00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage bank barn 2 machine sheds, corn crib, silo & much more A very lovely setting, ~~$385,000~~ **Reduced to $300,000**

BERKS COUNTY

97 acre secluded general farm featuring lovely 7 room Colonial private 1000' drive overlooking valley, original floors, flagstone patio, 2 ponds, stream, lovely guest house, large barn, horse stalls, 2 car garage, shop, and much more, **$325,000 #319**

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society **$375,000 #117. Lease possibility**

DAUPHIN COUNTY

NEW

86 acre dairy farm (near Hershey), very good soil 80T pasture stream, features new 100 cow free stall w/center auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system 2 story bank barn w/25 tie stalls also heifer & maternity area 800 & 400 gal bulk tanks 2 car garage & shop, corn crib machine shed, lovely 2½ story home features large kitchen formal DR LR & playroom 3 bdrms & bath 2 open porches Call for details **$360,000**

BRADFORD COUNTY

NEW

260 acre dairy farm, 200 tillable Featuring lovely 6 room house with bath & 3 room apartment 50 cow tiestall barn barn cleaner 800 gal bulk tank, 18 x 55 concrete silo with unloader, 2 corn cribs large garage **$235,000**

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt 100 Hereford, PA 18056

Ph: 215-679-5919

NEW

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & out buildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000**

475 acre dairy farm, 360 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for $575,000 Call for details #311

190 acre general farm 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn 2 silos in good condition implement shed, garage & more All for **$105,000 #297**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls could easily add 16 stalls, bulk tank dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

86 acre investment opportunity w/country living 40 acres wooded & 46 open includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details **$69,500 #273**

WOODED ACREAGE

11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000 #267**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500**

Several other parcels available

SCHUYLKILL COUNTY

149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal dining room, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000 #288**

SNYDER COUNTY

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **$130,000 #307**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property **$36,000**
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road **$32,000**

CHESTER COUNTY

10 6 acre nice open ground, residential district, ideal for development, call for details $52,600 #227

JUNIATA COUNTY

156 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing 17 crate farrowing & feeding operation, 275 bu grain dryer with 3000 bu storage bins Concrete silo & large bunk silo, good ground All for $250,000 #320 Full line of Farm Equipment, hogs & cattle available under separate contract Call for details

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000 #283**

SOMERSET COUNTY

196 acre dairy farm, 140 T, 60 tie stall bank barn w/new pipeline & bulk tank, lovely victorian home with large kitchen, DR, LR, study, 4 bedrooms & bath, 20 x 60 conc silo with unloader, large Quonset machinery shed & other outbuildings, good ground, **$275,000 #296**

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$200,000 #145.**

POTTER COUNTY

16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312
40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109.**

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, reduced $210,000 #310

Lovely 7 acre farmette featuring [illegible] with 10 rooms an[illegible] SALES AGREEMENT shed all in good cond[illegible] approved $65,000 #309

NEW JERSEY

142 acre dairy farm w/nice pond & streams, 2½ story home w/4 bedrooms, 2 baths, remodeled kitchen, living room, dining room & laundry 60 stall barn & 80 stall freestall, milkhouse, bulk tanks, large shop, large machinery shed & corn crib, 200x25 trench silo, 14x40 concrete silo All for ~~$495,500~~ **Reduced $459,500**

WAYNE MUMMEY
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Bucks Co

REAL ESTATE

REAL ESTATE

CHESTER COUNTY

50 ACRES OF ALL TILLABLE LAND. BANK BARN AND A 2 STORY HOUSE. GOOD TERMS. THIS IS A NEW LISTING. $230,00

CENTRAL PENNSYLVANIA - 75 acres, 55 tillable, 18 stanchion barn, plus loose housing, machinery sheds, lovely home. Call for more details and ask for Mr Downs $125,000

KENT COUNTY, DELAWARE - 200 acres, 160 acres tillable, new modern dairy with 50 comfort stalls and 56 free stalls, 2 Harvestore silos and many, many extras Possible owner financing for qualified buyer

NORTHERN CHESTER COUNTY FARM - 72 acre farm with 2 story stucco over stone farmhouse, large stone barn in beautiful condition, springhouse and good ground Good for the investor too! $374,000

ERA ARNOLMONT REALTY
Rt 1 & 41, Avondale, PA 19311
215 869 8711 459-2700
692-8281

SOUTH CENTRAL PENNA. FARMS

IN CUMBERLAND CO.

GENERAL

161 Acres fertile level sandstone soil, 10 room (5 bedrooms) stone and aluminum house. Large living room with fireplace, enclosed porch. Extra large bank barn. Owner financing

DAIRY

131 acres, Hagerstown limestone soil, modern 7 room frame house, 50 tie stalls, pipeline milker, 1500 gal. bulk tank, 100 freestall barn, 3 silos, large implement shed, ready for today's dairyman. 100 acres additional cropland available for lease

GENERAL

75 acres gently rolling land, bank barn, modern 2 story frame house, road frontage, stream, creek frontage, located near Rt. 11 Pa. turnpike & I-81 Price adjusted.

GENERAL

Lovely setting secluded remodeled 2 story brick house w/4 fireplaces, barn and silo. Yellow Breeches Creek flowing through pasture on this 67 acre limestone soil farm.

LAND

63 acres, fertile lu SOLD oil, all tillable, no buildings

HUNTINGDON CO.

GENERAL

172 acres shaly silt loam, modern 7 room house, barn and other out buildings, nestled in Trough Creek Valley near Raystown Lake.

DAIRY

166 acres shaly silt loam, spacious brick rancher with attached office and 2 car garage, bank barn with 12 stanchions, large implement shed, woodland, stream, road frontage, included is 1 room brick school house.

DAIRY

136 acres shaly silt loam, 20 tie stalls, 300 gal bulk tank, bank barn, frame house, stream, road frontage, near Raystown Lake

SELLING "YOUR FARM"?

CALL FOR

"NO OBLIGATION APPRAISAL"

Farm Representative
Charles Wenger 717-263-0945

GEORGE L. EBENER & ASSOCIATES, REALTORS
139 West High Street
Carlisle, Pa.
Phone - 717-243-6195

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GENERAL FARM 44 acres (28 tillable) 2 story house garage workshop & bank barn in good condition Small stream & pond 20 miles from Johnstown $75 900

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive tillable, 14 woodland) near Williamsburg Solid 2 story frame house and bank barn ideally suited for livestock Buildings are centrally located on land Price reduced to $192 500

CENTRE COUNTY

THREE AMISH LISTINGS ALL CONTIGUOUS APPROX 2 MILES EAST OF REBERSBURG

No 1 70 ACRE GENERAL FARM — 2 Story frame house bake shop (which could be converted to a house), bank barn calf barn implement shed corn crib Combination All building new since 1970 28 acres of productive tillable land 40 acres woodland $136 000

No 2 132 ACRE DAIRY FARM - Sound 2 story house large bank barn with 27 tie stalls milkhouse with 600 gal bulk tank 2 silos, new cattle or horse barn 85 acres of productive tillable land 5 acres pasture 40 acres woodland $248 000

No 3 - 147 ACRE GENERAL FARM 2 story stone house 2 bank barns (one with 29 tie stalls) workshop 12 x55 concrete stave silo stream & pond 80 acres tillable 30 acres pasture 37 acres woodland $195 000

AMISH FARMETTE 3 Acres good dwelling barn workshop (suitable for a retail business) Buildings in good condition joins listings above $49 500

FARMETTE Jacksonville area excellent log home with ultra modern kitchen new Morton 36x63 barn, 20 acres total with approx 18 acres of level tillable land 1 acre woodland & 1 acre site $98 500 Also available with less acreage at a reduced price

FARMETTE Potters Mills area log & plank house 2 story barn good stream frontage situated on approx 8 acres (4 acres tillable 4 acres pasture & site) frontage on Rt 144 $49 500

GENERAL FARM 108 acres (77 productive tillable 19 pasture 12 woodland & site) Near Aaronsburg 2 story brick house bank barn milk house other out buildings small stream Owner financing $125 000

GENERAL FARM 88 acres (70 tillable, balance pasture & woodland), near Millheim, large bank barn, Mobile home (no house), silo small stream Owner financing $93 000 Adjoins farm listed below

GENERAL OR LIVESTOCK FARM 150 acres (142 tillable) In good agricultural area near Millheim in Penns Valley 2 Story house, large 2 story bank barn & other outbuildings Owner financing $185,000 Adjoins farm listed above

GENERAL OR LIVESTOCK FARM 75 acres (65 tillable) log & plank constructed house new 40x80 2 story bank barn 14x40 concrete stave silo Between Spring Mills & Potters Mills $149,500 Partial owner financing 140 acres tillable land available for rent

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2 story house, 2 car garage, very good condition Stream provides water for house and pond Excellent investment, ideal for horses or recreation $150,000 Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2 story frame house, 40'x70' bank barn with 29 x39' attachment, 2 corn cribs Barn equipped for farrowing and finishing hogs Small stream Approximately 18 miles from State College Complete $97 500, 75 acres + barn only $68 500 39 acres + barn only $52 500

OWNER FINANCING RATES AS LOW AS 9%

CLINTON COUNTY

LIVESTOCK FARM - 78 Acres (57 tillable) near Mill Hall, excellent 2 story house, bank barn, implement shed, 2 garages, stream $94,500

COLUMBIA COUNTY

TWO CONTIGUOUS FARMS DIVIDED BY I-80

UNIT A - SOUTH OF I-80 - GRAIN & LIVESTOCK FARM - 348 acres (265 highly productive tillable, 81 woodland, 2 site) Complete with 2 homes, large bank barn, grain dryer, 44 500+ bu grain storage & Butler building reinforced for additional grain storage Land from Unit B below could be rented by buyer Very attractive interest rate with owner financing $605,000

UNIT B - NORTH OF I-80 - GENERAL OR LIVESTOCK FARM - 185 acres (85 highly productive tillable, 90 woodland, 10 pasture & site) Nice 2 story frame house large bank barn, several streams & pond Very attractive interest rate with owner financing $285,000 Unit B available with Unit A or for simultaneous sale to separate buyers There is an overpass to cross I 80 near these farms

HUNTINGDON COUNTY

NEW LISTING - GENERAL FARM - 104 acres (61 acres productive tillable land 4 acres pasture, 37 acres woods) 2 story house, bank barn, garage all in good condition $149 500 Owner Financing

GENERAL FARM - McAlveys Fort 120 acres (70 tillable) Excellent house, bank barn, implement sheds, corn cribs, silo w/unloader & bunk feeder new hog finishing barn $245 000

DAIRY FARM 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Water supplied by springs $340 000 Owner Financing

JUNIATA COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt 35 20± acres, (Approx 17 tillable acres & 1 acre of woodland), additional acreage available, good 2 story frame house remodeled interior, 2 story barn outbuildings nice setting good road frontage $89,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level very productive tillable) Good 2 story house bank barn 60 x 120 cattle barn suitable for freestalls 20 x 60 Harvestore, 2 streams Owner financing $325 000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM Near Turbotville 231 acres (174 very productive tillable) Good 2 story house bank barn, implement sheds & like new grain drying facilities Owner financing $344 000

UNION COUNTY

SMALL FARM - Adjoining Swengel 29 acres (26 highly productive tillable) good one story frame dwelling, good bank barn outbuildings pond, $84 500 Adjacent original 2 story farm house & outbuildings also available $28 500

MANY LAND PARCELS AVAILABLE CALL OR WRITE FOR FREE LIST

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Lewisburg) Larry W Platt (717) 568-5563
(Bedford) Richard D Reed (814) 839-4271

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The Professionals in Farm Real Estate Service

REAL ESTATE

NEW LISTING LEBANON CO.

107 Acre Dairy Farm 95 acres tillable type soil limestone terrain mostly level 8 stall milking parlor 800 gal bulk tank 80 treestalls 12x48 concrete manure pit batch mixer with 80 bunk feeder 20x80 Harvestore and 20x33 Harvestore silos 20x65 stave silo heifer barn corn barn 40x125 metal equipment shed with 40x50 insulated shop 2 story frame house all buildings in very good condition also 2 car detached garage Many more details

Merle Eberly
215 267 6608
HORNING FARM AGENCY, INC.
Main St
Morgantown PA
215 286 5183

MAILBOX MARKET

For Sale 1968 Pontiac Lemans 2 door AT AC PS new inspection new transmission clean $1000 Lanc Co 717 626 0530

For Rent Giant Silo & Barn 215 667 5329

For Sale Purebred Duroc boars open and bred gilts all age breeding stock, certified herd #82 Ph 717 733 2310 W F Ruoss, 126 Irene Ave, Ephrata, PA 17522

For Sale Case 1845 Bobcat with post hole digger or sold separately 717 354-7561

For Sale Excellent clean crop of Red Coat Wheat Barley Barsoy & Pennrad, certified last yr, clean & ready for your seeding 215 445 6427

For Sale Spring wagons & buggies & horse related items 301 398 5696 after 7 30 P M

For Sale 1964 Mack BG1 with Stoltzfus Hydraulic wet lime spreader and vibrator, very good cond $8500 215 869 9595 Chester Co

For Sale Reg Hampshire, Suffolk and Southdown Rams Preston Bankert #3, Red Lion Pa 17356 717 244 1244

For Sale Cookware stainless steel waterless must sell, ½ of going price, slightly used 717 464 4662

Will buy & sell all types of horse drawn equipment 215 593 5754

Wanted uncirculated US silver dollars $25 each No 21 22 23 717 233 5761 Collect Dauphin

For Sale Oliver 550, gas good condition $3000 or best offer Call after 6 p m 215 286 9836 Chester Co

For Sale 4 yr old saddle horse 16 2 hand broke traffic safe and sound Along 897 farm behind Terre Hill Silo Co Lanc Co Ben Martin E E R1 Pa 17519

Wanted Good used 30 40 hp coal fired horizontal steam boiler, 717 626 8191 Lanc Co

For Sale 71 Chev 4 WD flat bed, fold down sides for hauling firewood equipped, $2000 717 757 2960 York Co

For Sale Electric fence controller model A10 like new use 6 volt battery $15 Also 4 section harrow 717 859 2374

For Sale Motorcycle trailer heavy duty will haul 3 cycles 14 tires $400 Lanc Co 717 626 0530

For Sale Calf hutces, $35 each 7 metal calf stalls $25 for all Sears Humidifier $60, 717 933 8046

Guaranteed Stud service $50, fancy registered Belgian, must see to appreciate, John L Stoltzfus, Box 125B Cochranville PA 19330

Wanted Christmas trees for Christmas 1981 Will buy cut or in ground 215 968 4440

Fox Terrier stud service 717 354 7186

For Sale Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster MD 301 876 1235

For Sale Reg Angus bulls and heifers Orange Gate Angus Farm Maurertown VA 22644 703 459 3414

Wanted 200 300 gal holding tank, meat grinder 30 gal S S barrels castors, S S 6 ft table, ratchet press, S S sink 215 862 9148 10 5

SPF Yorkshire Boars and Gilts Will deliver Red Run Farm RD 2 East Berlin PA 17316 717 292 4634

For Sale Outside calf hutches $75 each, David B Stoltzfus, Rd 2 Box 282B Nottingham, PA, take Brown Rd at Little Britian, second road right

For Sale 10A NI manure spreader Mc 24 disc working condition, Elam K Beiler, Rd 6, Coatesville PA

For Sale 1 Bowman manure spreader 1 Two Way Plow 16 in radex bottoms, 1 DeLaval milker pump Elam K King, RD2 Box 402, Ronks PA first farm east of Strasburg Rail Road

For Sale Mushroom Soil 200 bu to 800 bu from $40 to $80 Save fertilizer dollars use poultry manure Delivered in trailer lots 717 859 3348 after 5 p m

For Sale F12 Farmall, good condition everything original $475 717 684 8941

Wanted Fenders and mounting brackets for JD 3020 tractor, Lanc Co 717 656 9177

Wanted Old hooked rugs Frayed or newer ones Also old or newer quilts Write 241 Queen Rd Gordonville, Pa Lanc Co 17529

Will trade rubber wheels for steel on Oliver radex plow Wanted gas tank for 68 baler Samuel E Stoltzfus Rt 7 Coatesville Pa Chester Co 19320

Wanted Service to quiet natured stallion (small Morgan or very large pony) To breed to 4 H project 717 263 0141

For Sale Gehl CB600 harvester with 2 row narrow head and 1000 RPM shaft 1 Gehl and 1 IH 3 beater forage wagons Also clean barley straw Lanc Co 717 653 2819

Wanted hanging feeders and roll away nests Cumb Co 717 243 0772

For Sale Case 1370 power shift 1975 model long axles 20 8 38 tires good rubber ex cond $8500 Lanc Co 717 859 2960

For Sale Used 1000 gal Esco milk tank, w/like new compressor $1950 Leb Co 717 838 5517

Wanted Wiard walking plow with Radex bottom send price and condition to Isaac Z King, Box 302A R2 Montgomery Pa 17752

For Sale Rear mounted PTO pulley for Oliver 1800 or 1850 tractor Christ B Stoltzfus Christiana #1 Box 330 17509 Pa

For Sale Labrador Retriever puppies AKC Black or yellow Lanc Co 717 665 3845

For Sale Clover seeds very nice seeds grown in Penn Valley Berks Co 1 bu at 58 @, 2 bu at 56 @ 4 bu at 54@ bu 717 354 9243

MAILBOX MARKET

For Sale- Rope halters for cattle, made to order, 717 898-7020 Lanc Co , Pa

Wanted Hired box full time for Spring 81 Emanuel B Lapp, R1 Box258A New Holland, Pa 17557

For Sale Doeblers Penna Hybrid seed corn Some top numbers available 1979 prices plus early order discounts Daniel Esh, Strasburg, East on 741, Paradise Rt 1

Wanted New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T Holliday, Rt 4 Box 244, Waynesboro, TN 38485

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay, Call before 7 a m or after 7 p m 201-735-8389 or 201 735 4408, days 201 735 8865

For Sale 1600 gal fuel oil tank truck body 215 345 1909 after 7, Bucks Co

For Sale All size silo roofs at reduced cost, 717 687 6672 or 768 3095 Lancaster Co

Wanted 1929 Model A Ford, 2 door sedan, must be in good condition, call anytime, 215 933 2469, Montgomery Co

Wanted to Rent Farmland in Berks, Lehigh or surrounding area Top prices paid, 215 756 6269

For Sale Purebred Yorkshire boars bred gilts and open gilts, carcass championship bloodlines Willow Glen Farms Rd 2, Strasburg, PA 717 786 2562

Fine Selection of pleasure Tennessee walking horses, $800 1800, quality yearling and weanling colts At Stud Senator's Thunder, black and beautiful, 215 267 7311

For Sale Chianina Angus Black polled and Chianina Hereford bulls All ages and percentages Young and bred Heifers also 814 238 1233 after 8 p m Centre Co

For Sale 15 feeder bulls 300 1000 lbs 717 653 4449

For Sale 2 Farrowing Crates, $100 each 1 Nursery feeder, $75 717 626 6142

For Sale AC G tractor with loader, mower and plow Wanted 2 bottom 14 plow with three point hitch Lanc Co 717 665 2543

For Sale Boggs potato brusher & desprouter Oliver 1355 4 WD with High lift, manure bucket & 8 ft snow blade, 814 674 3334 Cambria Co

For Sale 110 JD riding tractor includes 48 mower and trailer $800 1975 Ford F 350 with 9 ft service body AT, PS PB, $3500 Lanc Co 215 267 3808

For Sale JD 1250 six row corn planter 30' rows, monitor $2200 Berks Co 717 866 4280

Wanted Heavy duty AC manure loader for AC 185 tractor Juniata Co 717 436 8874 after 7 30 p m

For Sale MH #50 clipper combine PTO & Bin 7 cut real clean, extra parts can deliver 300 Not firm 717 536 3241 Perry Co

For Sale 24 Veal pens oak $9 each 40 gal LP HW heater $30 refrig $20 Old brick $ 10 each approx 600 New Castle Co 302 378-9054

For Sale Homegrown clover seed $62 a bu Wanted A stationary hay baler Wilbur H Markey 1345 Twin Bridge Rd Chambersburg Pa 17201

For Sale JD 4230 Quadrange 3200 hrs 4 post roll guard, dual outlets weights $13 000 JD 420 bulldozer with almost new bottom inside blade $3000 Will deliver 203 735 1492

MAILBOX MARKET

For Sale- No 10A NI manure spreader, working condition and Loudon litter carrier, track tub and trolley approx 250 feet track Sylvan S Fisher, Paradise R2 17562

For Sale Holstein heifer, 15 mo old, identified grade Sire LeDel Superior Dam 10,200, 4 6% as a 2 yr old Lanc Co 717 529-2937

For Sale 1971 Int 1700 Loadstar Cab & Chassis, 26,000 GW, 345 V8 eng runs on propane, 5&2, 8 cab to axle, 10 20 rubber, clean Bucks Co 215 297 8354 $2000

For Sale Schedule 80 High Pressure 2½ steel pipe from amonia cooling system, coupling and hangers included, approx 5000 L F, $ 50 per ft Berks Co 215 679 4210

For Sale AKC Beagles, field champion stock, started, 1 male, 1 female, 8 mo old $100 for the pair Lanc Co 717 397 4493

For Sale- Weimeraner pups, purebred, gentle family dogs, excellent hunters, Chester Co 215 932 4528 after 6 a m or noon

For Sale Farmall M tractor good rubber, new paint, good condition $1150 or best offer, Berks Co 215 488 1947

For Sale New Cub Lo Boy with turning brakes no other accessories or equipment, $4550 Adams Co 717 334 3182

For Sale Prizer cook range, wood or coal $150 Cumb Co 717 776 7630

For Sale AC 3 slat bottom plow $295, AC 4 bottom plow $375 Both are 16 and are trip bottom Lanc Co 717 786 1483

For Sale Well bred AKC female beagle in season now, $50 Lanc Co 717 626 5389

For Sale AC 160 diesel tractor wide front end & 3 pt hitch good condition, Lanc Co 717 786 7143

For Sale Rye silage $35 a ton, 20% protein Jay Frey 717 872 7190 night or 717 392 5278 day

For Sale Prizer Regal cookstove, wood or coal burning, fair condition, $175 717 626 6228

For Sale AKC Boston Terrier pups, 6 wks old, 4 females 1 male Amos Fisher 1½ miles east of Intercourse on Rt 772

For Sale Tractors for parts, five Olivers 70, two TD9 with loaders, one F30, disks, harrows, locust posts Lanc Co 215 562-4133

For Sale Six Reg Holstein heifers 12 to 14 months old Huntingdon Co 717 349 2305

For Sale 1964 MF 97 4 wheel drive, excellent condition, 100 HP 301 741 9589

For Sale Eox forage harvester Patz silo unloader 14-16 ft Oliver 3 16 trailer plow, 201 859 2732 Warren Co NJ

For Sale Super 55 Oliver diesel 800 hrs 3 pt hitch, very good condition, Huntingdon Co 814 632 6752

Wanted Aluminum boat 12 to 16 feet long, V bottom prefered Also electric outboard motor Call after 4 p m 215 445 5797 Lanc Co

For Sale 1968 Ford truck with Brown 18 ran body 26 000 GVW 3 axle 5 ton lowboy 717 684 8330 Lanc Co

For Sale Wood Bros bale chopper, NH bale chopper, new 10 ton wheat straw, 1st cutting alfalfa, timothy, orchard grass some timothy & clover Lycoming Co 717 433 3630

Wanted Corn silage Reuben F Esh, 3812 E Newport Rd , Gordonville, pa 17529

For Sale 5 Nov bred heifers due for next milk base, $4250 or best offer takes all 717 597 4755 Franklin Co

MAILBOX MARKET

For Sale- Standard bred carriage horse, six year old trotter, stands 17 hands, $1200 Daniel H Martin, Stevens R2 Lanc Co

For Sale 4 year old saddlebred buggy horse, safe & sound Also AKC Pekineese puppy Harvey Z Hoover, Star Route, Terre Hill, Pa 17581

For Sale Brillion wheel harrow, $475 Also Mix mill soybean roaster, $2300 Westminster MD 301 848 8638

Wanted D310 or D358 Int diesel engine to fit F756, F766 or F826 tractor Also need a 14' cultipacker Carroll Co Md 301 848 8638

For Sale 1 yr old bull by Jemini from 19,000 lb dam Also 2 bottom plow Abram F Stoltzfus, Locust St Leola R1, Pa

For Sale- Frick thresher w/Hart feeder, 7 ft grain binders Aquilla King, Box 170 #4 Quarryville Pa

For Sale 2 yr old New Holland 315 Baler with 4 cyl Wisconsin engine with starter, like new, $6850 Levi S Beiler, R1 Box 117, Christiana, Pa

Wanted Clutch and clutch housing, for Hercules power unit D 2300x30, 814 395 3983, giving price, condition and location Somerset Co

For Sale Red & White Heifer due April 14th 1979 Reserve Grand Champion Bedford Co Fair Bred to Triple Threat Grandson, $1500 652 6629

For Sale Reg Black-Tan Coon Hound, $200 Reg Bull ready for service Elevation Astronaut Cross $700 201 995 2614 after 6 p m Hunderdon Co NJ

For Sale Vac A Way Seed cleaner w/bagger Fairbanks 1,000 lb scale Also Horse drawn farm equipment Dauphin Co 717 362 9842

For Sale Ford #520 baler, Ford mounted hay rake Ford #612 S choppers two 8x16 bale wagons, JD #60 tractor Chester Co 215 644 9226

For Sale New Herdex calculator still in box For up to 65 cows, $95 Good used overhead door 9 ft wide x 7 ft high Complete $50 717-768 3713

For Sale- Case 5 BTM 16 hyd reset plow, good cond Luz Co 717 868 5130

Wanted- Toy Farm tractors and equipment 10 years old and older Can pick up Paying good prices 717 768-3554 evenings Lanc Co

For Sale 3 bred heifers, 2 purebreds sire Standout Job and Starlite Starsky and one grade 717 865 3106 Lebanon Co Pa

For Sale A Pride of the Farm' 12 door round hog feeder, 717 692 2483 Dauphin Co

For Sale Ceiling suspended sewing machine for sewing feed bags shut, perfect cond $100, large roof vents $25 each 717 545 9289 Dauphin Co

For Sale Two Reg Quarter horses Two years old Chestnut filly and Palomino gelding Gelding double registered Show quality 301 398 3974 Cecil Co , Md

Needed As Gift — Amish man's coat, size 44 in good condition Send Price address directions, 1st letter MacDonald Box 158 Conestoga Pa 17516

Wanted Old Coin operated machines slot vending, juke box, etc 201 469-2710 E J S 25 Barber Blvd South Bound Brook NJ 08880

For Sale 1948 Ford Panel Truck 1955 Chev 2 ton C&C, 1963 CJ 3 Jeep for part Uni Hoist Kit to make pickup a dump truck approx 200 round locust posts 4000 gal tank 301 771 4696 Balto Co

MAILBOX MARKET

For Sale Oil burner, New Yorker, good condition $50 Northampton Co Bethlehem 215 691 3505

Rent Pocono Bushkill Lodge $5 00 lift tickets for major slope Skidoo rental nearby Indoor pool Sleeps 6 Bohm, 6 Waverly Rd , Cherry Hill, NJ 08003

For Sale- Reg Holstein bull born 12 79 Sired by Rocket, VG 88 Pawnee Farm Arlinda Chief Dam Records to 22,165, 3 5% 755f Price $800 717-933-8403 Berks Co

For Sale Bobcat 530 Skid Loader, good condition, must sell, not enough work for the Cat, Make offer Berks Co 215 944 0121

Wanted- Good 8' tran sport disc, good condition, 2 row corn planter For Sale Mira Hut farrowing units Berks Co 215 944 0671

Notice To be removed 12' by 36 tile silo with aluminum roof For Sale David Bradley garden tractor, 215 589 2117 Berks Co

For Sale 50 steers weighing from 800 to 1000 lb Will sell one or all, Lebanon Co 717 866 6287

For Sale Barn, 48x36 two story to be removed Chestnut lumber, best offer Lanc Co 717 529 2831

For Sale NI manure spreader, model 201 150 bu Used 3½ years, good condition, $900 Lanc Co 717 394 6625

Wanted Fenders and mounting brackets for JD 3020 tractor Also for sale Jersey cow, fresh 3 weeks, $600 Lanc Co 717 656 9177

For Sale McKee 7 ft snow blower front mounted for JD s with front pto, exc cond , Perry Co 717 536 3394

For Sale Clover seeds grown in Berks Co 1980 very nice seeds 1 bu $54 @ 2 bu and over 52 @ bu 215 682 6276

For Sale Farmall 460 diesel good cond , overhauled, all new injectors and gaskets $3000 717-354 7695 Lanc Co

For Sale JD Mc Crawler w/blade 30 acre farm house, 3 barns, spring, immediate possession, Lanc Co 717 442 8186

For Sale JD No 336 baler, exc cond , 215 445 5898 Lanc Co

For Sale Kubota L175 tractor with 2 WD, 3 pt , rear weights, 130 hours, Leb Co 717 949-3477

For Sale 20 ft Zook manure elevator, good cond , Levi E Riehl, Honey Brook, R2, Box 57 Pa 19344 Chester Co

For Sale 100 ton of good mixed hay Loysville Pa Perry Co 789 3720 or 789 4513

For Sale A young Guernsey cow just fresh Anybody can milk her Also 6 purebred Yorkshire boar hogs, 7 mos old Isaac H Zimmerman, Jr , New Holland R1, Pa Linden Grove Rd Lanc Co

For Sale NH 77 Baler, have to sell, ill health running order, ready to bale Berks Co 215 488 1938

For Sale MF 165 MP trans power steering, exc cond Lanc Co Pa 717 354 0018

For Sale 2 Grove wagon running gears on steel 1 with bed 1 without 6 ton Wanted 26 ton on tires Lanc Co 215 445 4177

For Sale- Surge timer model #11301, also Surge vacuum controller Leon F Ebersol, Red Hill Rd R2 Narvon, Pa 17555 Lanc Co

For Sale 12 all steel flat bed will make good dump or low boy trailer 3 pt hitch JD side delivery rake with tongue Snyder Co 717 374 4246 after 4 p m

MAILBOX MARKET

For Sale 3 bottom automatic reset blow Ford 2 Steel beams, 40 ft long, irrigate with 3' pipe 400 NH 717-354-7922

For Sale 7 10 00x20 tires, 5 on rims, 2 Good, 5 fair $350 for all 4 10x15 tires & rims (Jeep or Scout) Fair, $45 for all 45 clean 1 gal glass jugs Free 2 55 gal Drums of roofing tar, Dauphin Co 717-469-0449

For Sale- 1977 Chev pickup ¾ ton power-steering auto - blue & white in good condition, $2600 215-445 4729 Lanc Co

Wanted- Information Name of person or firm in the New Holland area manufacturing a hydraulic 3 pt stump cutter, Schuylkill Co 717 366 2619

For Sale Reg Jersey bull 2½ yr old Forest Mid night son out of an Excellent cow ten records ave 12,675m 525F Lanc Co 717 786 7968

For Sale JD narrow row 435 corn head Excell cond , $1000 Two 40' drop frame van trailers, single axles Over the road trailers in good cond 215-257 2377 Bucks Co

For Sale- Model 1200 14 hoe Ontario grain drill in good condition RD1 Kunkletown Monroe Co 215 681 4305

For Sale Complete kit to convert standard Chevy, Ford Dodge, or GMC Pick up into a dump truck, electric hydraulic, new never used $650 Northampton Co 215 767 9039

For Sale Two Sukup stirall s for 24 ft grain tanks, $250 each two grain spreaders $100 each Queen Anne Co MD 301 364 5855

Wanted Excellent silver engraved pocket watch can have gold inlay W A Johnson Box 87 Everett Pa 15537

For Sale Reg Spotted boar service age, western bloodlines, pseudorabies tested, show winner, FFA project Spring litters will be available Centre Co 814 466 6669

$9 monthly, $3000 security RENTS 179a 36 cow Expandable Dairy, excellent milk market Chenango Co , NY after 7 30 p m 607 847 6331

For Sale Clover and Timothy and pure Timothy hay, wheat straw Priced reasonable Fulton Co 717 987 3764

Money not necessary with trade auto, truck, body repairs & painting for farm products, firewood or what have you Lehigh Co 215 285 6611

Notice Services down in my home Will mount buggy tires, also welding 215 445 6424 Martin Zeiset Jr in Goodville

Wanted- 2 and 4 cyl Wisconsin engines that need work 4 to 1 reduction gears one 4 cyl Also Electric meat slicers Must not work John L Stoltzfus Box 125B Cochranville Pa 19330

For Sale 1 bathtub like new, 2 burner new perfection coal oil stove, good 1 washbowl, R Earl Sauder, Box 53 Goodville, Pa

For Sale- 24x40 Lancaster silo with a Badger XP24 unloader, will sell separate Henry L Beiler Quarryville R3 Box 35 PA

For Sale MH 50 tractor with pulley, good running condition, $800 Lanc Co 717 354 7739

Wanted Cultivator for Farmall Cub For Sale Depth bands for IH grain drill York Co 717 993 2836 Gary F Miller

For Sale Rear tractor tire & tube 12 26 Goodrich 6 ply good lugs $75 215 445 4463, no on Sunday

For Sale 3 pt snow blowing good condition Carroll Co 301 374 2638 or 301 374 2144

MAILBOX MARKET

Wanted Electric poultry brooders, poultry water fountains and feeders in good cond , 717 438 3563 after 5 p m Perry Co

For Sale- Monitor with acreage on, for No 1240 JD corn planter, Noah L Zook, R1, Box 390 Lebanon, Pa 17042

For Sale Oliver 77 tractor $750, AC 3 pt 3 bottom plow, $300 Bulldozer blade for OC4 Oliver, with hyd $250 Bucks Co 215 968-4808 nights

For Sale JD 40 manure spreader, 164 bu , Fox blower $400, hay wagon with racks $750 717 866 5093

For Sale- Medium red clover seed cleaned, Elmer Martin, Lanc Co 717-354-0196

For Sale- Wright blade saw, 20" bar $50, 717 733-3037 after 6 p m Lanc Co

For Sale Pulley with bolts for M Farmall Good condition, New Castle Co Del 302-378 8454

For Sale NH 455 mower on wheels, clean $995 NI 12A spreader used for 39 loads, like new $1095, NI 206 with endgate $675 NH baler super sweep with chute, 717 354-0266

For Sale- JD two row narrow harvester head to fit 35, 38 & 3800, $900 215-267 7639 Lanc Co

Need someone with own tractor to clean my barn and feed lot every 4 months York Co 717 225 6050

For Sale AKC Reg Dalmation pups, German shephard pups and dogs Queen Annes Co Md 301 778 1919

For Sale 3 reg & 3 grade springing holstein heifers 6 open grade holstein weighing 650 lbs each 717 297 2984 or 297 3405 Bradford Co

For Sale Hot water boiler for home use less than 2 yrs old Tank off of fuel oil truck Suitable for liquid manure Mifflin Co 717 242 0279 or 242 0477

For Sale 2 grade Holstein heifers, due to freshen soon Lanc Co 717 354 9744

For Sale Used 6 in 50 ft endless hammermill belt, Lanc Co 717 665 2038

For Sale JD 1240 Plateless planter with disc openers, insecticide boxes, monitor and acreage counter Like new, Lanc Co 717-626 5532

For Sale NI 217 two beater manure spreader, 1 yr old 215 267-3673 Lanc Co No Sunday sales

For Sale Two SS 40 lb milk carrying pails, two strainers, and three 50 lb Surge milkers, Benj Fisher, 138 A Colonial Rd , Gordonville, Pa 17529

For Sale- Holstein heifers due in Feb & March, $900 Lanc Co 717-354 5974

For Sale at barn or will deliver Barley straw and quality hay Sch Co 717-668 2684 Box 1141 Rd1 Tamaqua, Pa 18252

For Sale Chain saw, McCulloch Pro Mac 510 with 16" bar used very little, 717 687 8893

For Sale MF 10 hp lawn & garden tractor with mower, tiller and blade, $750 Lanc Co 717 665 4570

For Sale 2 yr old top buggy in very good conditon $1700 Union Co 717 966-2150

For Sale 12 Yorkshire Landrace cross gilts bred to Duroc Boars Due to farrow soon Accurate breeding dates Lanc Co 717 464 2028

Wanted A 20 to 30 hp engine Prefer Hercules or Ford A JD KBA disc harrow about 8' wide Norman S Martin Box 241 R3 Selinsgrove Pa 17870 Snyder Co

MAILBOX MARKET

For Sale- 1937 Ford pick up truck, complete with oval grille, accordian hood, etc Truck needs some work, I need some space, $950 Sussex Co , N J 201-875 6615

For Sale- Five started Holstein heifer calves, app 6 wks old, out of Transmitter bull and excellent grade cows, $150 each 717-384 4220 Luz Co

For Sale One man sleeper cap for pickup truck Lanc Co 717-367 5775

For Sale Shelled corn can deliver with in 25 miles call 215-683 5300

For Sale Cleaned red clover seed, $55 per bu York Co 717 235-2539

For Sale- 15 ton bright clean wheat straw, Lanc Co 717-394-9409

For Sale- Well bred AKC female beagle in season now, $75 717 626-5389 Lanc Co

For Sale- AC D-17 diesel, exc cond , reasonable New 16 9x30 Goodyear tractor tire, Union Co 717-568-7271

For Sale- 6 Holstein heifers, 1 Red & White, age 6 mos Sam K King, Ronks R2 434 S Belmont Rd

Wanted 4 to 5 ton feed bin, Write, send price and condition to Jacob B Ebersol, Peach Bottom R#2 Box 128, Pa 17563

For Sale- JD 4 row plateless corn planter with monitor, Lely vibrator shank, MF 300 Bulldozer, JD M & Cult Berks Co 215 777-0052

For Sale Storm front carriage good cond , Also 10 ft McCormick spring harrow, good cond Amos K Stoltzfus, R1 Quarry Rd , Leola Pa Lanc Co across from D M Stoltzfus Stone Quarry

For Sale Straw $60 ton at barn 717 444-3084 Wanted Cab for 4020 JD

For Sale Ear corn at farm $120 a ton JD #125 plow 3 pt 3 bottom $500 Lanc Co 717 733 7185

For Sale 1 grade Holstein heifer, due June 3rd Herbert Bosley Balto Co 301 343 0431

Wanted Radiator for Int 504 also block for Farmall M or 400 717-458 5959

For Sale Ribstone 20x50 silo, disassembled, $1800 or make offer, 301 778-0203 Kent Co , Md

For Sale Drum beater & other salvagable parts from a JD single beater spreader, 717-784 6799 Columbia Co

For Sale Bred Holstein heifer due in February Freystown Bucks Co 717 933 4725 Call after 5

For Sale English pointers and German Shorthair puppies, after 5 30 weekdays, anytime weedends 215 826 5850

Wanted- 880 N2 NH harvester head or 822 head, good condtion 717 334 8553 Adams Co

For Sale NH 479 haybine, good cond , 201 8/9 5851

For Sale Good grade Holstein bull 2 yrs old Sired by Astronaut, dam EX 90 with over 20,000 milk Good heifer bull, 717 367 8412 (12 1 00 or after 6 00 p m)

For Sale Peerless Roll N Mix rollermill grinder with mixing tank, portable PTO unit, Exc for beef or horses good condition, 717 629 0519 Monroe Co

For Sale Young's corn fodder shredder with blower In good condition, Moses B Glick, Quarryville R3 Pa Lanc Co Box 351 Lamparter Rd

For Sale 2 16 9x30 Goodyear tires mounted on 5 track Power adjust rims Fits Deutz and others Lanc Co 717 354 9916

RED HOT DEALING DAYS

We Were Extremely Pleased With Our OPEN HOUSE....Therefore We Are Extending The Red Hot Dealing Days For 1 More Week -

Specials Are Good Through February 14, 1981

KEN NEFF — DEAN BICKSLER

RED HOT SALESMEN For RED HOT DEALS

PURCHASE A NEW TRACTOR & TAKE YOUR CHOICE OF:

★ **12.9% INTEREST**

or

★ **UP TO $2000 REBATE**

See Our Red Hot Salesmen For Details

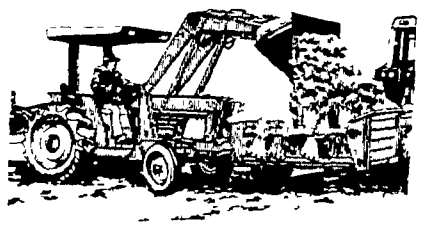
RED HOT SPECIAL

$600 OFF ITEMS LISTED BELOW

(With This Coupon)

Farmall 856 Diesel, one owner, 2900 Hrs , 3 pt 38' tires, wide front, full set of weights
I-2606 Industrial Backhoe & Loader, good used backhoe

INT. HYDRO 84



With 2250 Mount-O-Matic Loader, row crop diesel, 16.9x30 rear tires, hydrostatic drive, demonstrator. **$16,450**

SERVICE SPECIAL

FREE HAULING On Any Tractor or equipment brought into our shop for repairs during Jan. & Feb.

PLUS...10% PARTS DISCOUNT on all Overhauls

RED HOT USED TRUCK SPECIALS

★ New 1980 International 1754 Diesel Truck, 26,500 G.V.W., 206" W.B. . . $20,000
★ '75 International 1700 Truck, 26,000 G.V.W. $8,000

RED HOT SERVICE SPECIAL

Are Your Tractors Operating Efficiently? Prove It To Yourself With a HERITAGE DYNAMOMETER TEST On Your Farm. $25* Flat Charge Plus $10 for Every Tractor Tested.

* Flat charge based on 10 mile radius Additional distance - extra charge

RED HOT SPECIAL

$300 OFF ITEMS LISTED BELOW

(With This Coupon)

Farmall 350 Diesel good tires, T A , fast hitch
I - B-414 w/New Idea Loader, power steering, repainted
Farmall 450, Power Steering, fast hitch, T A
Farmall Super A, good condition, touch control
Massey Ferguson 85 diesel, one owner
Farmall 230 w/cultivator, repainted
I 544 Tractor, 2800 hrs , good condition
A C CA with cultivators
Ford 8N, motor overhauled, good tires
John Deere A & Cultivator
John Deere 336 Baler w/30 thrower
IH 175 Manure Spreader
Hesston PT-10 9 Mower Conditioner
Oliver Grain Drill, 18x7, one owner
New Holland #717 Forage Harvester
IH No 10 Grain Drill, Double Disc
Fox Harvester 1546, 2 row corn head, hay pickup
International #50 Forge Harvester w/engine drive, 2 row head & hay pickup
2 Row, Row Crop unit for IH 720 or 830 Harvester
International 1150 Grinder Mixer

RED HOT SPECIAL

10% OFF ITEMS LISTED BELOW

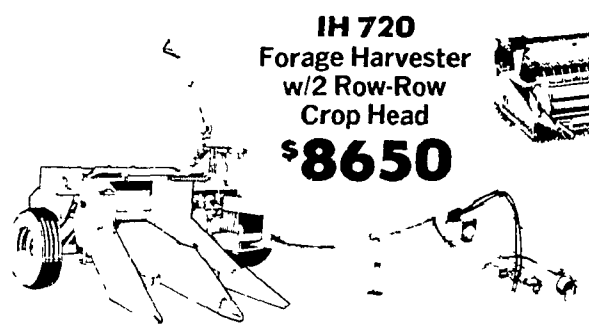
(With This Coupon)

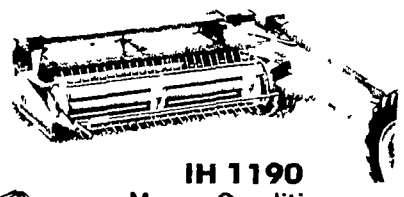
Massey Ferguson 3 Furrow 14 Plow
White 3 Furrow 16' Plow, Cushion Trip 3 years old
Taylor-Way 9 Tooth Chisel Plow
IH C 20 Plow
John Deere KBA Disk Harrow, 28 Disc
International 25' Corn Planter, 3 pt
International 25' Corn Planter, 2 pt
John Deere #60 Blower
Sauder Loader
Straw Chopper for 715 Combine
Disk & Harrow for Farmall A Tractor
Tires off of AC WD45
Blade for Farmall A Tractor
Henderson Loader for Super C, 200, 230
International 13x7 Grain Drill w/Grass Seed attach
(2) 750x16 Tires
Papec 54 ' Forage Blower
John Deere 14 T Baler

★ **WE HAVE A GOOD SELECTION OF PRE-OWNED CADETS** ★ **OTHER LAWN & GARDEN TRACTORS**

IH 720 Forage Harvester w/2 Row-Row Crop Head

$8650





IH 1190 Mower Conditioner

While They Last

$5850

WAIVER of FINANCE or CASH REBATES up to $700 available

RED HOT USED EQUIPMENT SPECIALS

1460 Axial Flow Combine w/#863 Corn Head, one owner, stored inside, 490 hours, excellent.
Int. 606 Diesel, motor overhauled, repainted, power steering, outstanding cond.
Farmall 560 Diesel, painted, very nice.
Farmall 656D, 3 pt. hitch, very clean

RED HOT NEW TRACTOR SPECIALS

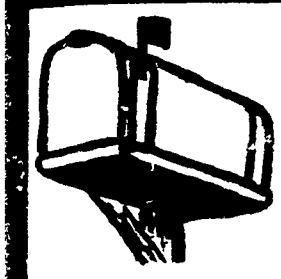
★ 384 Diesel (1 Only)
★ 484 Diesel (1 Only)
★ 584 Diesel Utility (1 Only)
★ 584 Diesel Row Crop (2 Only)
★ 84 Hydro's, Row Crop (2 Only)
★ 786 Diesel (1 Only)
★ 986 Diesel (1 Only)
★ 1086 Diesel (2 Only)

Our Aim is to Serve You Better.

HERITAGE INTERNATIONAL INC.

1054 SOUTH STATE STREET EPHRATA, PA 17522 PHONE 717-733-2283

LANCASTER COUNTY'S ONLY INTERNATIONAL FULL LINE DEALER.



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words area code must be added to phone number and due to repeated requests please include your county for buyer and seller convenience all advertisements must be mailed to the office by Tuesday or same will be held over for next week s paper no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale Large amount of mixed hay 1 2 years old Ideal for feeder cattle Will sell all or part Come see and make offer Cumberland Co 717 776 6427 or 776 5183

For Sale 2 4 yr old mules 1 dk bay 1 sorrel broke Northampton Co 215 767 2304

Wanted Craftsman electric hedge trimmer with 3 5 amp motor will pay $100 Trenton NJ 609 259 2802

For Sale Electric brooders $25 1 egg grader feeders and waterers Black walnut ash oak timber Montgomery Co 215 234 4917

For Sale 1 male mixed poodle pup Free two female mixed poodle dogs Lanc Co 717 626 6517

For Sale No 19 NI manure spreader 9 ft 2300 series AC disk harrow like new Lanc Co 717 859 2832

For Sale Old barn siding 14 18 in width 14 ft long Also 16 ft tobacco rails 717 733 4336 Lanc Co

For Sale manuals for M H tractors combines, balers mowers etc Yates Co New York 716 554 6479

For Sale Fox terrier pups, five weeks old, good stock nice markings Eleven hundred 12 x16 slate John Zimmerman, R4 Ephrata, Pa 17522 Calvin Dr Hinkletown

For Sale 1974 Ply Valiant 6 cyl 4 dr sedan two tone green, auto , one owner exc cond , $1500 Snyder Co 717 837 5742

Family farm market will pay 15% on your savings, any amount ½ to 1 year Berks Co 215 678 8274

For Sale IH Manure loader fit H or M, $175 NH No 33 Flail Chopper $250 Both in good condition 215 598 7669 Bucks Co

For Sale Home grown clover seed, $52 a bu clean parts to a JD No 8 tractor grass mower 717 354 0293

For Sale 18 mo old Hamp boar $140 Lanc Co 717 733 7132

For Sale Merit Medicator just overhauled also New Zealand white rabbits for breeding stock Omar K Beiler 257 S Groffdale Rd Leola Pa 17540

MAILBOX MARKET

For Sale 1 herd of 31 good cows 5 Registered due summer and fall 717 393-0930

Wanted 510 MF combine or will sell my 510 for parts 315 852 6192 Cortland Co

For Sale Hay and straw and barley by the bushel 717 865 2911

For Sale Farmall M $1525 JD 1 row potato planter $175 JD 12 ft lime drill $225, Smoker 24 ft elevator $425 215 262 9781

For Sale Farmall 560 diesel tractor live PTO torque amplifier wide front, fast hitch rear wheel weights excellent rubber 717 548 2078

Wanted Deer rifle-pump or lever action with variable scope Caliber 270 308 or 30 06 Call after 5 p m 717 345 4812

For Sale Registered Holstein bull born 2 29 80 Sired by Marvex Dam averages over 21,200M and 770F in first four lactations Also 5 identified grade heifers 6 10 months old Dauphin Co 717 896-3128

Sell horses tack or services Advertise in The Classified Horse a monthly newsletter for Lancaster and York Co horseowners 717 872 7909

For Sale LP gas range 36x26 4 burner, single oven good condition, $25 or b/o 215 678 1123 between 5 6 p m Berks Co

For Sale 620 JD wide front, PS live hyd and PTO 80% rear tires excellent cond 717 463 2902 Juniata Co

Due to my heart attack I must get ride of my Quarter Horse stallion He is too good to sell too good for meat I would like to lease him Mares for lease or sale too Union Co 717 523 0413

For Sale NH 205 bu manure spreader triple beaters like new Spread less than 25 loads $1995 Lanc Co 717 548 2559

For Sale E Zee Flow 10 ft fertilizer spreader used very little excellent condition Cayuga Co Evenings 315 497 0689

For Sale Very well preserved 1966 Mercedes Diesel Air 4 speed auto, AM FM $3500 301 348 5961 Kent Co Md

For Sale 3 sets cast iron wheel weights for JD utility tractor MF 135 MF 65 $50 best offer Balto Co 301 833 9098

Hay For Sale Grass & Alfalfa mixed No Rain Good heifer or steer hay $75 at the barn 215 932 8605 Chester Co

For Sale OC 3 Oliver Row Crop Crawler 6 tracks electric or crank start in good condition Lehigh Co 215 767 5512

For Sale Truck mounted bean mist blower used commercially last season, 717 397 5152

For Sale 2 PTO double beater manure spreaders 135 & 165 bu , NH #717 field chopper with corn head, NI No 7 corn picker, Berks Co 215 682 7880

For Sale 2 large walnut logs ready cut I will load for buyer 717 266 1719 York Co

For Sale One hand pallet lift with 5,000 lb capacity Regular size pallets in good condition and 50 lb feed bag made of paper with plastic lining size 16x4x34 Call 665 7356

Wanted NH 717 w/pickup head to fit latest model 770 chopper new or good used condition, 717 384 4220 Luz Co

For Sale 1956 F 800 Ford Truck tractor with 16 Steco dump trailor good condition, $3000 or best offer 707 Unisystem diesel 731 wide row corn head 713 13 grain head Call after 4 p m Adams Co 717 259 0583

MAILBOX MARKET

For Sale 1 Foust whiskey shot glass, flat top trunk approx 70 pcs carnival glass Baltimore Co Md 301 374 4724

For Sale White pigeons also Holstein service age bulls, from good record dams Omar S Fisher, 434 Newport Rd Ronks Pa 17572

For Sale Black sheep bred to african brown s dropping red lambs $75 with lambs $85 to $100 717 865 4931

For Sale 100 bales second cutting alfalfa hay 450 bale first cutting timothy hay Good for horses 2 row cultivator for JD tractor Lanc Co 717 285 5532

For Sale 3 surge milkers 1 50 lb pail, 5 sur singlers 1 strainer make offer Henry B Yoder Kirkwood R1 Box 109 Lanc Co 17536

For Sale 574 diesel dual PTO 3 pt very clean tractor $6995 Cab for IH tractor 56 & 66 series $1095 and steps Corn silage $40 ton Lanc Co 215-267 6547

For Sale Men s Samonite 5 sult cartwheel suitcase burnished brown used 3 wks $80 Lanc Co 717 859 3119 after 6 p m

For Sale Liquid hay preserver applicator for baler, etc good shape, Gideon F Stoltzfus R2 Gap Box 2276 17527

For Sale JD 1209 haybine in A1 condition $2100 Also 32 Zimmerman elevator with #62 chain & motor used one year like new $1050 717 532 8601 Franklin Co

For Sale A Nova 2 cylinder gas engine on truck Also sawed locust posts and slab wood Lanc Co 717 354 7974

For Sale 8 yr old sad dlebred carriage horse safe & sound 17 hands $1250 Lanc Co 215 445 4649

For Sale 140 acre hunting farming camping 20A woodland running water $700 per acre Can buy part Clinton Co 215 445 5309

For Sale 1971 GMC 18 ft steel flat bed 5500 series V6 23 000 GVW Also 12 ft steel body 4 ft sides & hydraulic lift gate Luzerne Co 256 3538

For Sale Butcher cattle Angus, Charolais & Herefords Pick them now Emanuel Z Stoltzfus R1 Box 230 Bird in hand Pa 17505

For Sale 6 in x 41 ft portable grain auger with 5 hp electric motor RG40 JD cultivator Lanc Co 717 354 5092

For Sale JD 3 pt 3 bottom plow good cond New moldboards and shares, good coulters landsider & shins, $475 York Co 717 235 2032

For Sale MF 2 16 bottom rollover plow good shape Also warm morning coal heater model 400 Very good cond , Reuben N Zimmerman New Holland R1 Lanc Co Pa near Red Run

Antique alfalfa & grain seeder 20 Disc dated 1914 $100 Antique hay wagon handmade $100 215 298 2974 Lehigh Co

Notice Will the person who took my things by mistake at Thomas Farm Syst Bankrupt Sale (incl were Felx Auger elbows tubing and accessories, etc) please call me collect 717 523-3787

For Sale Locust posts by the hundreds $1 25 each at the farm or $1 75 delivered in a 100 mile radius Cumberland Co 717 776 7942

Wanted Someone to haul my silage with your truck Must have large dump Box or trailer to hitch behind pickup Lanc Co 717 354 0175

For Sale Inter 3200A 4 wheel drive skid steer loader Inter 2424 Backhoe & loader low hours Perry Co 717 789 3711

MAILBOX MARKET

For Sale Organically grown 500 per bu 201 647 5139 Somerset Co NJ

Wanted 1967 or 1968 Pontiac Firebird front end parts driver s fender grille and radiator or will buy whole car Chester Co 215 932 4728

For Sale Young corn fed Muscovy ducks live or dressed Seasoned firewood, East of Lanc 717 393 1154

For Sale Leather mch Singer 45K Stitcher, Randall strap cutter auto rivet mch creaser Landis 3 in 1, stapler draw gauges, etc Mervin Z Martin, R4 Ephrata Pa 17522

For Sale Milk Sputnick w/compressor Sterling DeLaval milkers, clear claws large pails $350 3 hp Surge Alamo pump $650 600 gal Girton tank $650 Lanc Co 215 445 6816

Wanted Tillable acreage to rent in Northern Harford & Southern York Counties, strict soil conservation practiced Pair of used 18 4x38, tires wanted Harford Co 301 836 1469 after 6 p m

For Sale Wood stove with water jacket Good for shop or basement hot water heat set up Large fire box With pressure temp gauge $400 or best offer David Glick 2729 Creek Hill Rd Leola Pa 17540

For Sale Ford Jubilee like new with the following 3 pt hitch equipment, JD 5 ft cut rotary chopper Montour Co 717 672 2021

For Sale 71½ A farm with house and barn $1750 per A also 8 A farmette with house and 2 box stall in New Bridgeville area York Co finance available 717 927 6570

Wanted A cultipacker must be in good condition size 13 to 15 ft For Sale A 10 ft cultipacker in good shape 717 692 3939 Dauphin Co

For Sale Sawmill Farquhar AB mill 36 carriage 5 headblocks needs new wood looking for smaller mill ready to run or near ready Berks Co 215 779 7127

Wanted Rife ram 10 B or other make small size usable condition Also want a steel wheel manure spreader state make, price and condition John M Martin R1 Denver Lanc Co Pa

For Sale Ladies size 9 ski outfit new GE auto dishwasher Fisher Papa Bear stove, 717 532 7590 Cumberland Co

For Sale Ferguson 20W/mower excellent original paint $1800 JD 630 2600 hrs $3500 NH 24 elevator w/motor $500 Cash only can deliver Adams Co 717 528 4914

For Sale C65 Chev TT with air lift, tag axel can be made in to a long wheel base for hay or grain or single axel, new condition, York Co Edward Brothers, 717 266 5211

For Sale 1965 Corvett Sting Ray, 2 tops, best offer, 6 yr old Reg POA Gelding $500 215 775 0130 Berks Co

For Rent Two story house, $125 a month Along 896 4th house south of Goodn Plenty Restaurant, Lanc Co

Help wanted Amish boy 14 yrs or older for dairy farm and general farming, Michael R Stoltzfus, R2 Narvon, Pa Cambridge Rd 17555

For Sale- Set of Oak Cattle Racks to fit 6½ pickup bed Excellent condition $40 Assorted rabbit equipment $1/piece, Lanc Co 717 872 7171

For Sale Reg Holstein bull his sire Lea Eara Toddy Gay Prince his dam has 24 317m in 371d 1 008 fat also some heifers due April May June Eli E King 3334 W Newport Rd Ronks R1

MAILBOX MARKET

Wanted Barley within 50 mile of Elkton, Md 301 287 8957 Cecil Co

For Sale Power unit 15KVA 110 volts, 900 RPM 4 cyl Leroi Engine WT 4000 lbs , $550 Fork lift 4000 LBS Cap automtic tow mower, 717 652 1957, $1750

For Sale 504 Int tractor, live pto, ps 3 pt live hyd clean $2800 Farmall A for parts $350 Bucks Co 215 598 7357 or 598 7546

For Sale Int 225 hayswather, in good condition, $3000 Also 1700 Int truck, cab & chassis GVW 26,000, 2 speed rear end, $800 Huntingdon Co , 814 667 2297

For Sale Bred 3/4 American Toggenburg Doe due in March, $75 with papers, Berks Co 717 865 3366

Wanted- Dairy farm to rent by young mennonite family Prefer average size dairy farm, 717 354 2356

For Sale Nice timothy hay, $75 at barn 717 566 0329 Dauphin Co

For Sale 25 acre mini farm, veal operation with 288 stalls modern equip $89 000 Mifflin Co Wanted Black and white pinto mare, 14 14 2 hands, 717-935 2685

For Sale 4490 Case less than one yr old, 200 hrs still on warranty $42,000 00, also IH #45 vibrashank 24 ft wing $2200 315 549 7140 Seneca Co NY

Wanted Angora goats from good herd K Harrison 609 478 2941

For Sale- JD corn planter 3 pt hookup $275 Two disks, Oliver and JD $100 each 717 866 4185 Berks Co

For Sale 16 hp crawler tractor with six inch steel cleets and 42 hyd bucket lifts, 6½ ft high Lebanon Co Palmyra, 717 838-4075

For Sale 67 Ford F950 tandem, 14 dump blown engine 38 000 rears, telescopic hoist for parts Also 16 stone dump 717 866 2091

For Sale 520 JD trans housing, casting #B3600R, JD 2 Row mounted corn planter w/insecticide applicator, just rebuilt 717 569 8478 after 6 p m

For Sale 1 Ashley stove automatic draft control $80, 215 286 9197

For Sale Clover seed $60 a bushel Edwin K Shirk, R1 Narvon, Pa Along Oaklyn Drive, near Bowmansville, Lanc Co

For Sale- Glass fireplace doors with screen, for opening 30 in high 38 in wide good condition, 717 529 2746 Lanc Co

Wanted A Michigan silo To disassemble and remove, I will pay John M Stauffer, R1 Box 279 Port Trevorton, Pa 17864 Snyder Co

For Sale 2 riding children toy tractors, one cast, $45 both Wisconsin V-4 electric start, as is $60 After 7 p m 609-561-7623 Atlantic Co

For Sale NH flail chopper with 38 hp Wisconsin engine recently overhauled in working order also good pump jack Jonas K Stotzfus Christiana #1 at Bartville Lanc Co , Pa

Wanted Wagons, carriages or sleighs Old tools, wood or metal wheels Wm Brown Delsea Dr & Holly Ave , Pitman NJ 08071

For Sale- AKC White Shepherd pups, wormed and shots, will use AKC white shepherd for stud 717 386 5677 Sch Co

For Sale Soybeans for feeding or seed AC 66 pull type combine NH 717 field chopper Delaval milker pump 73, 215 249 3900 Bucks Co

MAILBOX MARKET

Wanted 3 pt right & left plow or single bottom For Sale 4 bottom JD semi 717 868 5966 Luzerne Co

For Sale Two large Holstein heifers Will freshen February and March out of high producing, registered herd Adams Co 717 528 4544

For Sale 2 bulls, 4 yrs , 2 yrs Reg Angus good herd bulls, very reasonable, priced 717 752 4040 Luz Co

For Sale Ford 78 LTD II Brougham, 4 dr , auto, AC, PS, PB, AM & FM, Vinyl Top, garage kept, must see, Chester Co 215 932 2508

Wanted Hydraulic bucket loader in good condition, for 65 MF tractors Write Box 270 R1 Felton Pa York Co

Trade 1967 Int utility tractor with hydrolic motor no 2606 Would like used backhoe or woodland, 717 933 8105 after 7 p m

Wanted Used chicken wire one inch mesh or less and used white roofing or vertical siding Lanc Co 717 665 2561

MAILBOX MARKET

For Sale- Martin manure spreader, model S 1466, Oliver 4 bottom auto reset plow Berks Co 215 944 9583

For Sale 24' hay elevator, V type T angle snow plows, silo table blower, 5' dia x18 long, culvert pipe, 3 pt fertilizer spreader, 717 345 4882

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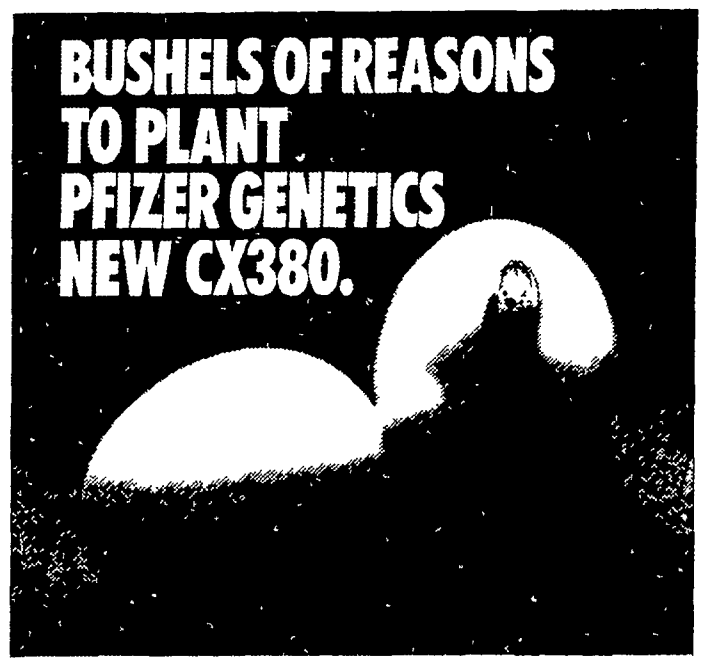

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THIS FARM FAMILY FINDS SECOND USE FOR TOUGH-BUILT RED BEDDING CHOPPER

Like every other dairy farmer, Carl and Jim Hostetter, RD 2, Annville, must sometimes feed first cutting alfalfa to their 82 milking cows. When they must, the Hostetters use the tough-built, red bedding chopper from US Farm Systems of Pennsylvania. This barn chopper cuts the hay stems into short lengths. And the cows appreciate the chopper's work. The high producing cows eat more hay. Give more milk. Leave less wasted hay in the manger.

"We used the bedding chopper to chop course hay to mix with our silage," Jim said. "And the cows increased production. With the short stems the cows ate more hay. And drank more water. Before we used the bedding chopper to cut the course hay, we had to remove and throw away at least four bales of hay each day."

Of course, the Hostetters use the red bedding chopper to chop bedding every day too. "We keep the cows noticeably cleaner," Jim said. "And we save labor. I can bed 82 cows in 20 minutes. Before we had the chopper, it took three men to shake out the straw by hand."

The Hostetters find the gasoline engine on the red bedding chopper uses only 1½ gallons of fuel in seven days of bedding 82 cows each day. For the fun of using figures, Jim says that's about 383 stalls per gallon.

"We were looking for a bedding chopper for a long time," the young dairyman said. "But we just didn't find one that completely satisfied us until dad saw the red bedding chopper at the All American Dairy Show in Harrisburg last fall. That's all it took. We liked the many different cut lengths we could get on the 'red one'. And since we have it, we certainly wouldn't want to go back to the old way of bedding cows."

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Your Tough Built Red Bedding Chopper Distributor

This shot was from the top of a ladder looking out over the Valentine crop The buds are atop seven and eight foot tall plants.

Frank Walton checks the buds on roses now reaching above his head The plants are set into soil prepared in 46 inch wide cement sided beds and trained up through a grid of wire divided sections

Everything's coming up roses

BY SUSAN KAUFFMAN
Staff Correspondent

Roses are red,
Violets are blue
Sugar is sweet,
And so are you!

This simplistic poem is probably the first of such a child hears Its thought has been repeated through the years in more complicated phrases Valentines are the names given to these amorous notes To have a Valentine accompany a dozen long-stemmed roses is a cherished symbol of affectionate admiration

The rose is a flower lovingly tended by the home gardener or treasured when received as a symbol of love It is much desired for special occasions such as weddings, proms, Mother's Day and Valentine's Day, to name a few

In recent years, their value has risen dramatically to as much, in some areas, as over $50 a dozen

The Walton family at London Grove, Chester county, along with other rose growers in that vicinity, have found growing roses for cutting is far from "a bed of roses"

As with any other agricultural venture, long hours, special knowledge and skills and personal attention to detail are required to produce a quality commodity.

LANCASTER FARMING visited with the Waltons last week to get an idea of what cultivating roses for wholesale cutting involves Frank and his brother Herbert own and operate Waltons' Roses and Frank's son Richard works with them along with several full-time and part-time employees

The family has a long history in the greenhouse business as Herbert explained At or even before the turn of the century, the two brothers' father grew violets in the greenhouse. Those were the most popular corsage flowers then Later th elder Walton switched to the early varieties of carnations, then called "pinks" They were single petaled rather than full, ruffled carnations which are now popular.

Still later their father experimented with tomatoes and even grew some of the very first mushrooms in the area now known as the mushroom capital of the world Frank Walton explained that the mushrooms were grown from spawn shipped from Europe and planted in beds under the tomato beds. "That is the last place you would see mushrooms being grown today," he grinned

Frank graduated from Penn State in 1927 with a degree in horticulture. His brother Herbert graduated a year later In 1929 the family constructed a huge, heavy glass and metal greenhouse to grow roses

The house, still used today measures 62 feet wide, 288 feet long and at the peak of the roof, probably fifteen feet high. Nearly the length of a football field, the greenhouse is sectioned off with long rows of beds running parallel to the long, side walls. The beds are raised off the dirt-floor level by several inches. Cement slabs eight feet long and less than a foot high and an inch thich form the sides of the troughs. The beds are 46 inches wide Soil and compost along with vermiculite or some other porous substances are roto-tilled to planting condition Rose stocks which have been grown in the open field by commercial growers for one year are then set into the soil one foot apart in each direction In one running length of an eight-foot side slab are planted 32 rose bushes. In all, the Waltons have 12,500 rose bushes in the large greenhouse and an additional 5,000 bushes in a smaller glass greenhouse divided into three sections

In both greenhouses, the rose bushes are trained to grow upright through a support system consisting of sections made with criss-crossing wires and bamboo sticks The sticks lie horizontally above the beds to hold the wires in place. At any one time only a few of the beds have newly planted rose bushes in them. They grow profitably for four or five years; some do well for longer though, Frank Walton explained.

Once the roses are set in and start to grow stems and bud, they can be cut for up to a year continuously. By that time, the stems may be reaching a height of eight feet or more Then they are trimmed back to a height of around eighteen inches and are allowed to start growing skyward once again

To maintain a strong supply or rose buds for cutting in the fall, winter and spring months, growers trim the majority of the bushes in the summer months As with other growing plants, fertilizer and disease and insect control play a major role in production

Watering is done about once a week, according to Frank Walton, through a system of pipes and spray nozzles which direct the water across the top of the soil and not on the plant foliage To increase the carbon dioxide content in the greenhouse's 'air", — plants require co_2 and give off oxygen when the sun shines — the family utilizes the exhause from a co_2 is forced into the greenhouse through plastic tubes running the length of the greenhouse

To provide the heat for the greenhouse at night and when the sun does not warm it sufficiently, the Waltons stoke a coal-fired boiler The 52-year-old dual-chamber furnace dwells underground next to the big greenhouse As evening approaches, the Waltons bank up a good firebed to send warm water through the maze of pipes spreading throughout the house Near midnight the fires are tended once more Toward the very early morning hours, Frank makes another trip from across the road where he lives with his wife in a large, white farmhouse to keep the fire burning hot enough to maintain the proper temperature in the greenhouse

The smaller greenhouse is heated with fuel oil Richard Walton remarked that it costs as much and more to heat the house with 5,000 roses as it does to heat with coal the house holding 12,500 roses New conservation practices recently put into operation in the smaller house are double layers of plastic above the glass roof through which air is circulated to create a heat loss barrier and also installation of a plastic ceiling well below the glass peak

When the sun shines sufficiently, the plants produce an average of 2500 cuttings a day, Richard explained Sometimes the buds may number as high as 5,000 a day They are individually cut by hand with a penknife every day of the week They are cut early in the morning, then sorted, graded and put into cooling rooms until shipment to wholesale buyers Waltons' roses go to wholesalers who service New Jersey, Delaware, Maryland and Virginia markets as well as florists in the immediate locality

Once sorted according to bud shape, stem quality and color, the roses are bundled in lots of 25 each then placed stem ends in buckets of water and then into cooling rooms to hold their freshness

Their retail value in some local areas may be as low as $22 while they may cost as much as $55 in other metropolitan areas, the Waltons said Imports are posing a threat, but because of their perishability, roses have not been imported to the extent that carnations have The Waltons added, 'Imports have practically ruined the local carnation growers"

The Waltons grow 60 per cent red roses The remainder are about equally divided between the pastels of yellow, white and pink "We never have enough of any one

(Turn to Page C4)

Two young women sort out the roses after the day's early morning cutting Risa Wertz and Deana Murphy separate them according to a quality into bundles of 25 each before they are placed in a cooling room They are working on yellow roses in this picture

Homestead Notes

Frank Walton's son, Richard, is placing the sorted, graded, roses into one of the two walk-in cooling rooms.

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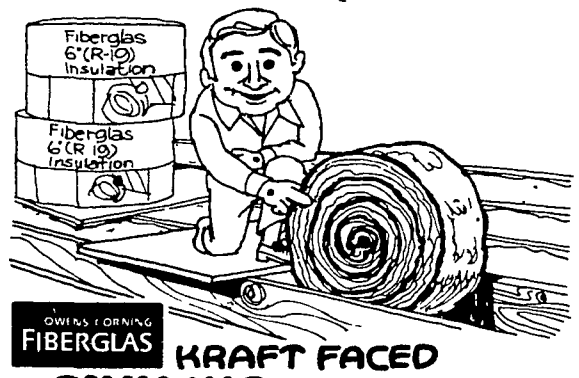

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11'	—	—	10.44	—
12'	17.16	15.49	11.39	8.45
14'	20.01	18.07	13.29	—
16'	22.88	20.66	15.20	—
18'	25.74	—	—	—
20'	28.60	—	—	—
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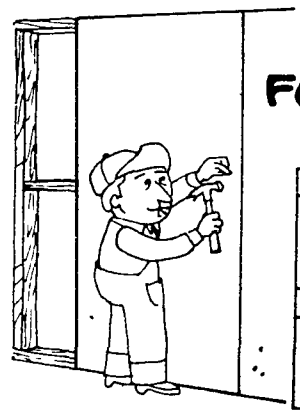

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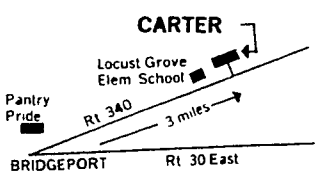

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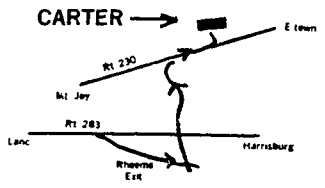


Herbert Walton points out the small motorized fan that sends air between two layers of plastic to form a temperature transfer barrier above the oil heated smaller greenhouse.

Cold snap to mean record heating bills

LANCASTER — With the recent cold weather central eastern Pennsylvania has been experiencing, heating bills will increase.

Leon Nonemaker, Pennsylvania Power & Light Co 's senior vice president- Division Operations, cautions that, even with thermostats set lower and other conservation efforts, heating systems are working longer and fuel bills for this cold snap will be higher.

"The average temperature for December in our service area was about 23 percent colder than last December and with the possibility of more cooking, use of decorative lighting and entertaining during the holiday season, many PP&L customers can expect their electric bill to be higher than their last bill and higher than their bill for the same period last year," Nonemaker said.

On Monday, PP&L customers used 94 7 million kilowatt-hours of electricity. The peak demand for electricity Monday was 4.54 million kilowatts and came between 9 and 10 a.m PP&L's record peak demand on Feb. 2, 1979, when customers required 4.65 million kilowatts.

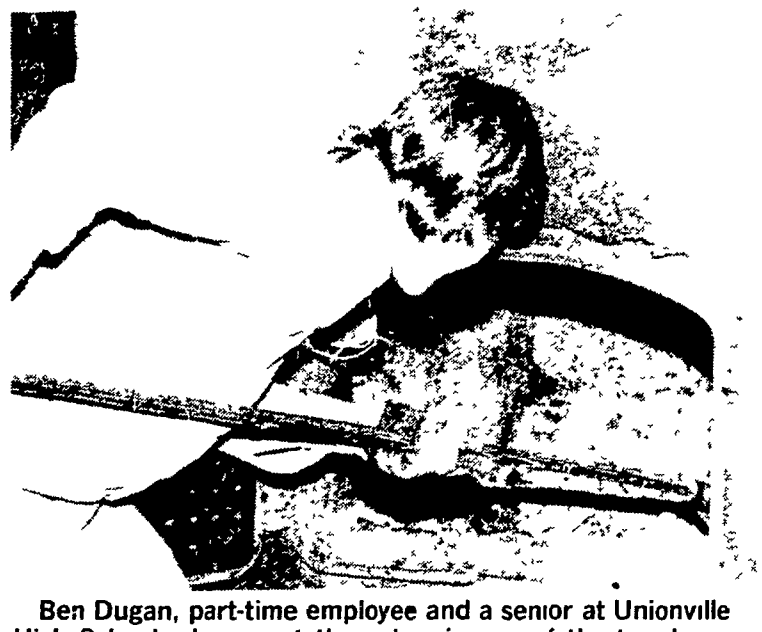
"Although we have not set an all-time PP&L system peak this year, Monday's peak was the highest this heating season," he said.

Because of the heavy load on PP&L's system and throughout the Pennsylvania-New Jersey-Maryland Interconnection, PP&L had all of its available generating units operating, including some of its combustion turbines.

"However, all the high-cost energy produced by the combustion turbines was sold to other companies in the power pool," Bill Scheffley, PP&L's manager-System Operation, said "On Monday we sold 13.9 percent of the electricity PP&L generated to other companies in the interconnection.

PP&L's present generating capability is 6.15 million kilowatts

"With the present reserve margin we have between our estimated peak for this winter and our generating capacity, we shouldn't have any problems — barring unforeseen multiple outages of generating equipment during peak demand periods — meeting our customers' needs for electricity this winter," Scheffley said.



Ben Dugan, part-time employee and a senior at Unionville High School, cleans out the ashes in one of the two large chambers of the coal fired boiler which has heated the large greenhouse for fifty-two years.

Valentine specials

(Continued from Page C2)

color at one time - say pastels for proms or red for Valentine's Day-" Richard explained. "But we have a pretty good balance to carry us throughout the year," he added

If one does receive a bouquet of these flowers - a symbol of elegance conveying messages of love, appreciation, sympathy or congratulations, as the International Rose Growers Association describe them — care should be taken to insure a longer time to enjoy their beauty

Remove any leaves which might decay under water in the arrangement. While holding the stem end under running water, cut about one inch of the stem off each rose with a sharp knife or shears When removing the leaves or thorns, do not cut through the bark or scrape the bark. Place the roses in a clean deep vase of warm water If possible, leave them in a cool room or refrigerator to "condition" for two to four hours before arrangeing.

Water to which a good "floral preservative" has been added is the best medium in which to arrange roses. Do not use stronger than manufacturer's recommendations

If one receives a vase of roses, add water immediately and refill the vase daily Roses are heavy drinkers

Perhaps over-working two cliches, the Waltons at London Grove know all too well that to have "everything coming up roses" is definitely not "a bed of roses"

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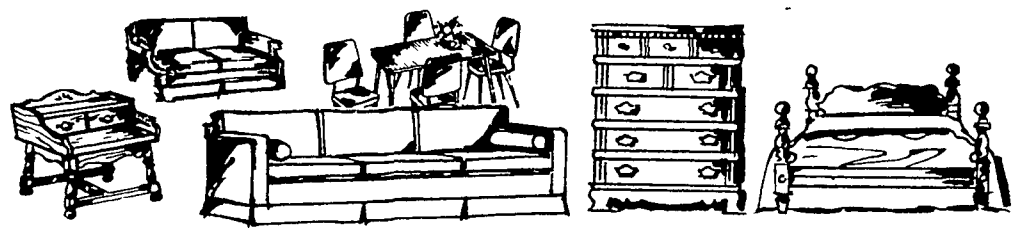

This Is Our 10th Anniversary...We Don't Have Anniversary Sales...But We Have Reason To Celebrate...Since It Has Now Been Our 3rd Anniversary Since the Roof's Fell in On Both Our Stores (January 20, 1978)...We Are Going To Have A Big Sale...And Cut Our Prices On Everything...To Show Our Appreciation To All Who Stuck By Us When The Roof's Were Off.

1 - Trailer Load Living Room Suites.. Sofa...Love Seat...Chair and Sofa And Chair...Antron/Nylon/Prints... Early American...3 pcs. Sofa ...Love Seat...Chair... Reg $2289 95 . . . . . $590.00

2 pc...Sofa...Chair... Reg $1689 95 . . . . . $390.00

½ - Trailer Load 3 Pc. Antron/Nylon/ Prints...Sofa...Love Seat. .Chair...Reg $1829 95 $529.95

80 - Brass Plated Clothes Racks...Reg $129 95. . . . . $27.00

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130 - Chests.. 5 Drawers. . Maple ..Pine...Reg $169 95 . . $69.95

20 - Student Desks ...Reg $289 95. . . . . $65.00

10 - 12 Pc. Family Room Sets...Sofa...2 Chairs...ottoman..End Tables... Coffee Table...2 Lamps... Bar & Stools...Reg $1389 95 Our Price $549 95 NOW $509.95

24 - Bar Sets w/2 Stools... Padded Seats...Reg $269 95 Our Price $119 95. . . NOW $105.00

Occ Chairs.. Mirrors...Rockers...Odd Tables...Lamps...Pictures...Mantel Clocks...TV's...Stereo's...Hope Chests...

12 - Sofa...Love Seat...Chairs... Nylon...Traditional... Reg $1329 95 Our Price $289 95. . . . . NOW $250.00

8 - 3 pc. Early American... Reg $889 95 Our Price $289 95. . . . . NOW $200.00

Hide-A-Beds Double.. Reg $649 95 Cash Price $249 95 . . . . . NOW $235.00

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Dining Room Sets ..Hutches...Corner Cupboards . Dry Sinks. .

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2 Pc. Sofa...Chair...Wood Trim...Pillow Arm... Reg $1229 95 . . . . . $389.95

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F.W.S. Calendar

Saturday, February 7

Lancaster Co Society 6 meets at the home of Mrs Martin Spangler to hear brief reports of the state convention and a talk by Norma Steinhart

Lancaster Co Society 1 meets for a crafts night at the home of Mary Alice Fyock

Monday, February 9

Lancaster Co Society 32 meets for a physical fitness program by Ilene Hershey.

Tuesday, February 10

Lancaster Co Society 22 meets at the home of Darlene Herr for service for Lancashire Hall

Wednesday, February 11

York Co Society 9 meets at the home of Erma McDowell

York Co Society 7 meets at the Mt. Wold twp building

Thursday, February 12

Lancaster Co. Society 21 meets at the home of Miriam Delong to hear Doris Brown on a trip to Germany with Friendship Force

Friday, February 13

Lancaster Co. Society 13 meets for a health program

Saturday, February 14

Lancaster Co Society 19 meets at the home of Phyllis Newcomer to hear Christine Erb, IFYE to Japan

Happy Valentine's Day!!

Arabian group to run tack sale

QUENTIN — The Eastern Amateur Arabian Horse Show Circuit, Central Pennsylvania Region, will sponsor a used tack auction and swap shop on Saturday, February 14 at the South Annville Township Community Building on Route 322 between Quentin and Hershey.

The swap shop will begin at 1:30 p m. and the auction from 6:30 til over.

The public is invited to consign and buy. Food will be available throughout the day.

For more information contact Martin Kleiner at 717/867-4135

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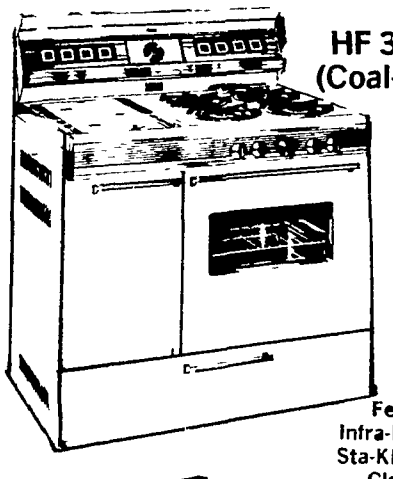

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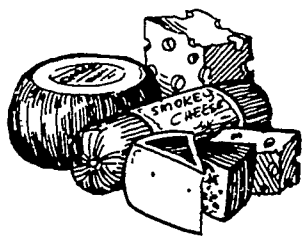
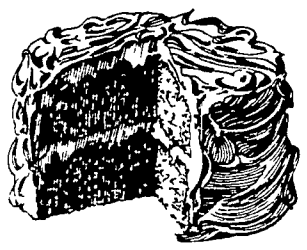


Home On The Range



There's nothing like a pie

When you're looking for a truly luscious dessert, consider a pie The creamy, delightful taste will almost more than make up for that pound you are likely to add on from a pie

But pounds or no pounds, making these recipes are almost as much fun as eating them

Tonight try a creamy banana, chocolate or coconut pie, as recommended by the American Dairy Association

One of the problems with cream pies in the past has been to find a filling that's full and tasty enough to still slice neatly The proportions used in the recipe of one-third cup of cornstarch to four egg yolks and three cups of milk would suit a perfectionist The filling not only cuts neatly, but also tastes delicious

Tomorrow night try a sour cream pie or a fluffly pudding pie

But anytime you bake a pie, try some of our no-fault pie crusts for a flaky, delicious taste

Enjoy!!!

COCONUT CREAM PIE

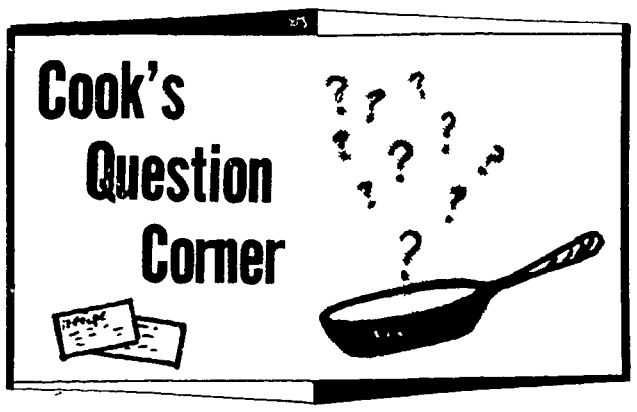
Follow recipe for Banana Cream pie except – stir 3/4 cup flaked coconut into filling with butter and vanilla Omit bananas Pour immediately into 9 inch baked crumb crust Chill thoroughly, at least 4 hours Garnish with whipped cream and toasted coconut

GRAHAM CRACKER CRUST

Mix together crumbs and sugar, stir in butter Press mixture firmly and evenly against bottom and sides of 9 inch pie plate,building up slightly around rim Bake in preheated 350 degree oven, 5 minutes- Cool on wire rack Fill as desired

For a variation in crust recipe, substitute vanilla wafer crumbs (about thirty 1 3/4 inch wafers) for graham cracker crumbs to make a vanilla wafer crust

Your special dinner calls for a luscious cream pie in banana, chocolate, or coconut. So light, and fluffy and delicious. Try one tonight with supper Though it may mean a few calories, the taste will make it all worthwhile.



QUESTION — Does anyone have any recipes for pocket bread or pita bread?

Faithful reader,
Brickerville

QUESTION — I would like a recipe for beef tongue. As people are butchering now, I thought other people might be interested too.

Rebecca Fisher,
R3, Box 36
Honey Brook, PA 19344

QUESTION — I have been looking for a supplier or store where I could buy a Spatzle machine Spatzles are a form of German noodle Can anyone help me with this?

Mrs Ervin Fassett
East Springfield, NY 13333

ANSWER — We have a response to a request for a flaky patty shells recipe. It comes from Mrs. D Martin Stauffer and is at the end of the Range section

Recipe Topics

February	
14	Valentines meals for two only
21	Bake a cake
28	What can you do with hamburger?
March	
7	Sandwiches burgers and subs

CHOCOLATE CREAM PIE

Follow recipe for Banana Cream pie except – increase sugar to 1 1/4 cups Stir in 2 ounces melted unsweetened chocolate with butter and vanilla Omit bananas As soon as filling is cooked, immediately pour into baked pie shell Chill thoroughly, at least 4 hours Garnish with whipped cream and chocolate curls

MAPLE CREAM PIE

1 3/4 cups milk
1/4 cup cornstarch
3/4 cup maple-blended syrup
1/4 teaspoon salt
2 egg yolks, slightly beaten
2 tablespoons butter
1 cup whipping cream
1 tablespoon maple-blended syrup
sliced almonds, toasted

Blend together 1/4 cup milk and cornstarch in saucepan Gradually stir in remaining milk, 3/4 cup syrup and salt Cook over medium heat, stirring constantly, until mixture comes to a boil Stir small amount of hot mixture into egg yolks Return egg mixture to saucepan Cook, stirring constantly, until thickened Remove from heat, stir in butter until melted Cool thoroughly

Whip cream in a chilled bowl with chilled beaters until stiff peaks form, scraping bowl occasionally Fold half of whipped cream (about 1 cup) into filling Pour into crust Fold 1 tablespoon syrup into remaining 1 cup whipped cream and use to frost top of pie Chill several hours Garnish with almonds

LEMON SPONGE PIE

1 cup sugar
1 cup milk
2 egg yolks
2 egg whites, stiffly beaten
1 T butter
2 T flour
juice and rind of 1 lemon or 2 T reconstituted lemon juice plus 1/2 teaspoon lemon extract

Combine sugar, flour and egg yolks Add melted butter, milk, lemon juice and rind Add beaten egg whites last Fills one 9 inch pastry lined pie pan Bake at 375 degrees for 20-25 minutes or until golden brown

Mrs. Daniel Weaver, Boiling Springs

BANANA CREAM PIE

9 inch baked pie shell
2/3 cup suagr
1/3 cup cornstarch
1/2 teaspoon salt
3 cups milk
4 egg yolks, slightly beaten
2 tablespoons butter
1 tablespoon vanilla
2 large ripe bananas
1/2 cup whipping cream, whipped

Stir together sugar, cornstarch and salt in heavy saucepan Blend milk and egg yolks, gradually stir into sugar mixture Cook over medium heat, stirring constantly, until mixture thickens and boils Boil and stir 1 minute Remove from heat, blend in butter and vanilla Press plastic wrap onto filling in saucepan and cool to lukewarm Peel and slice bananas, arrange in bottom of pie shell Pour in cooled filling Chill thoroughly, at least 4 hours Pipe whipped cream around edge of pie, add slices of banana if desired

APPLE CREAM PIE

3 cups finely cut apples
1 cup brown sugar
1 cup cream
1/4 teaspoon salt
1 rounded teaspoon flour

Mix together and put in unbaked pie shell Sprinkle top with cinnamon Bake at 450 degrees for 15 minutes Then reduce to 350 degrees for 35 minutes longer When pie is about half done, take a knife and push apples down

Mrs. Elias Martin

FLUFFY PUDDING PIE

2 envelopes Dream Whip whipped topping mix
2-3/4 cups cold milk
1 teaspoon vanilla
2 packages (4 serving size) Jell-O instant pudding and pie filling, any flavor
1 baked 9 inch pie shell, cooled

Prepare whipped topping mix with 1 cup of the milk and the vanilla as directed on package, using large mixing bowl Add remaining 1-3/4 cups milk and the pie filling mix Blend Then beat at high speed for 2 minutes, scraping bowl occasionally Spoon into pie shell Chill at least 4 hours Garnish with sliced nectarines and mint sprigs, if desired

(Turn to Page C8)

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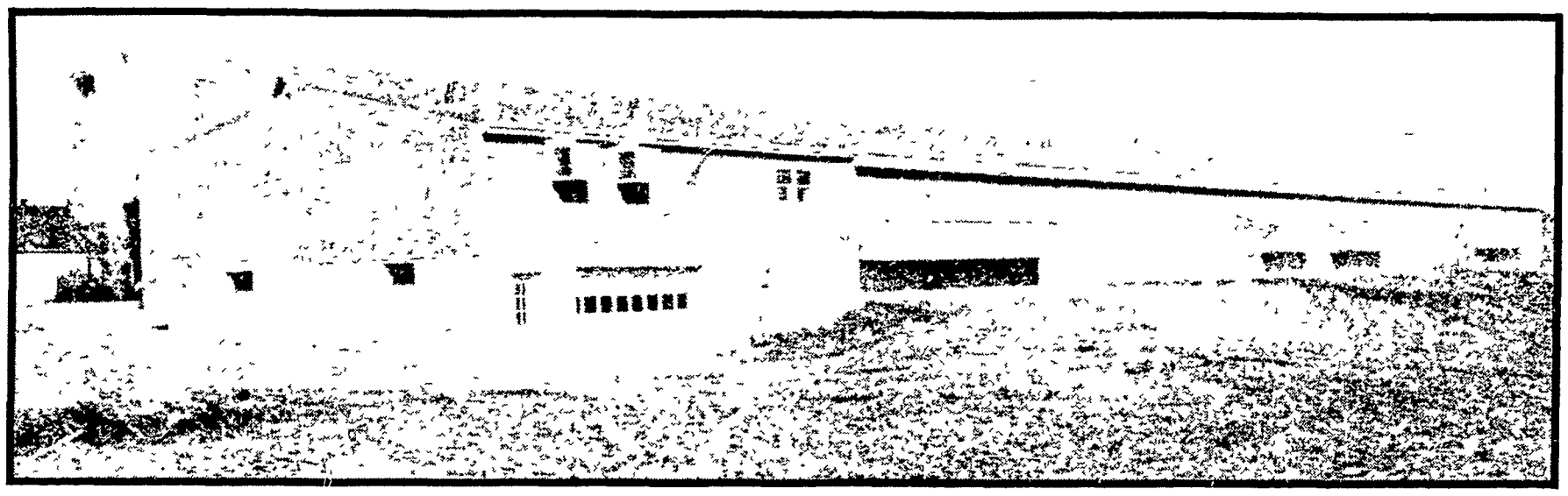

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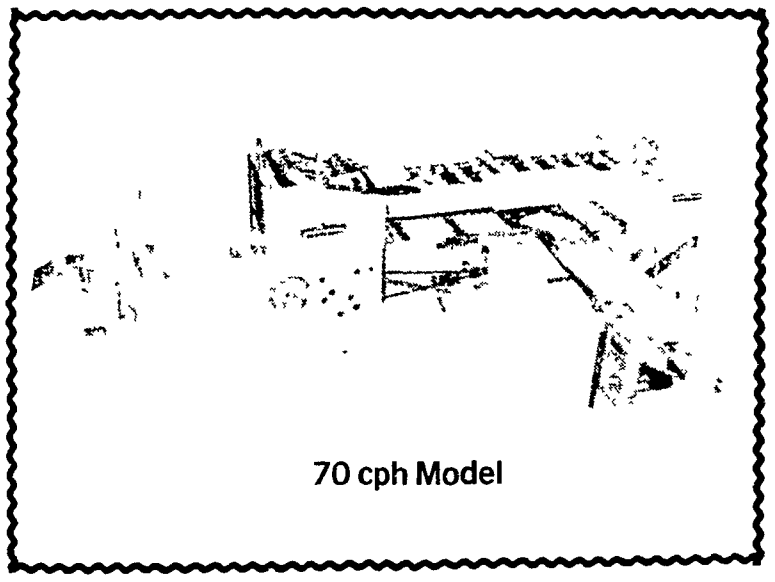

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Farm Women Societies

Lancaster Co. Society 4

Farm Women 4 met recently at the Farm and Home Center, Lancaster Twenty-five member attended

Those having birthdays in January were recognized They are Catherine Brubaker, Eva Gingrish, Mary Troop, Betty Siegrist and Mary Frantz

Lorna King introduced one guest, Mrs Emma Musser

Topic for the evening was How to keep your house from burning down while keeping warm "

Special activities chairman Mrs Shirley Newcomer announced a date in May will be reserved for a take-in meal to Wyeth Lab, Marietta

The next meeting will be held at the home of Mrs Ann Nolt, Lancaster, in February

Lancaster Co. Society 7

Starview Society of Farm Women 7 met at the home of Helen Bentz, January 14

For roll call, each member responded by giving the name of their first grade teacher and the first school they ever attended

Birthday recognitions were given to Beatrice Brothers and Irene Rentzel

Program reports were given by delegates to the Farm Women Convention by Anna Zinn, Donna Hoover, and Irene Rentzel

The next meeting will be held at the township building February 11, at 7 p m Nancy Brenner will be hostess. Each member is to bring a valentine for roll call exchange

Lancaster Co. Society 14

Farm Women 14 met Wednesday, January 21, at the home of Thelma Mylin, Oak Ridge Drive, Quarryville 135 bed pads for the cancer society were made at this meeting

After the noon lunch with Esther Herr, Martha Herr and Elma Barge as hostesses, the meeting was called to order by new president, Miriam Leaman Elma Barge had the devotions after which each member answered the roll call by telling what her winter pastime is

Nora Herr was installed 2nd Vice President and Mrs William Stoltzfus (Carolyn) as a new member

Ten members had perfect attendance for the year 1980

Pauline Stoltzfus conducted a spelling bee and Esther Landis a general information quiz

Reports were given by Pauline Stoltzfus, Nora Herr and Carolyn Stoltzfus, delegates to the State Convention in Harrisburg

The next meeting will be held Wednesday, February 11 at noon at Easy Eater Restaurant, North Decatur Street, Strasburg

Lancaster Co. Society 22

Farm Women 22 held their January 20 meeting at the home of Cloyd Wenger.

Roll call was answered with a favorite popcorn snack The By-Laws were read by Mrs William Weller Mrs. Lloyd Herr reported on the cookbooks A motion was passed to pay for the new edition

There was discussion on whether the society should pay the way of members other than the delegates going to the State Convention It was decided to appoint a committee to look into the matter and report back at the next meeting

Members were reminded to keep the date of May 21 open for the Spring Rally

The program chairman introduced the speaker Mr E

(Turn to Page C9)

Pie yummies

(continued from Page C6)

STRAWBERRY PIE

Crust
3 cups flour
1 cup lard
1 teaspoon salt
1/2 cup water

Work flour, lard and salt together with hands, then add the water and finish working together. Makes enough for 4 pie shells

Filling
1 1/2 cups water
1 3/4 cups sugar
4 tablespoons corn starch

Boil until thick and clear Remove from heat, stir in one box strawberry jello Cool to room temperature Wash and drain one quart fresh strawberries Place berries in bottom of baked pie shells Pour jello mixture over top Place in refrigerator for several hours until filling is set Top with Cool Whip (Frozen strawberries can be substituted for this time of year)

SOUR CREAM PIE

1 cup sour cream
1 cup sugar
1 cup seeded raisins, cut fine
2 eggs
1/2 teaspoon powdered cinnamon
1/2 teaspoon powdered cloves
1/8 teaspoon salt
2 tablespoons vinegar

Beat the eggs. Mix the spices with the sugar, and add to the eggs with the raisins, cream, salt, and vinegar. Beat well. Pour the mixture into a deep, pastry-lined pie pan. Moisten the outer rim of the pastry, and press the top crust over the lower one to hold in the custard. Bake in a moderate oven (350 degree) until golden brown.

EASY, NEVER FAIL PIE CRUST

Mix
3 cups flour
1 cup vegetable shortening
1 teaspoon salt
Beat together
1 egg
1 teaspoon vinegar
5 tablespoons water

Combine 2 mixtures with fork until moistened Makes 2 9-inch double crusted pies and 1 9-inch shell or 5 9-inch shells Freeze some for a quick pie later

Mrs. Aubrey Buckalew

PERFECT PIE CRUST

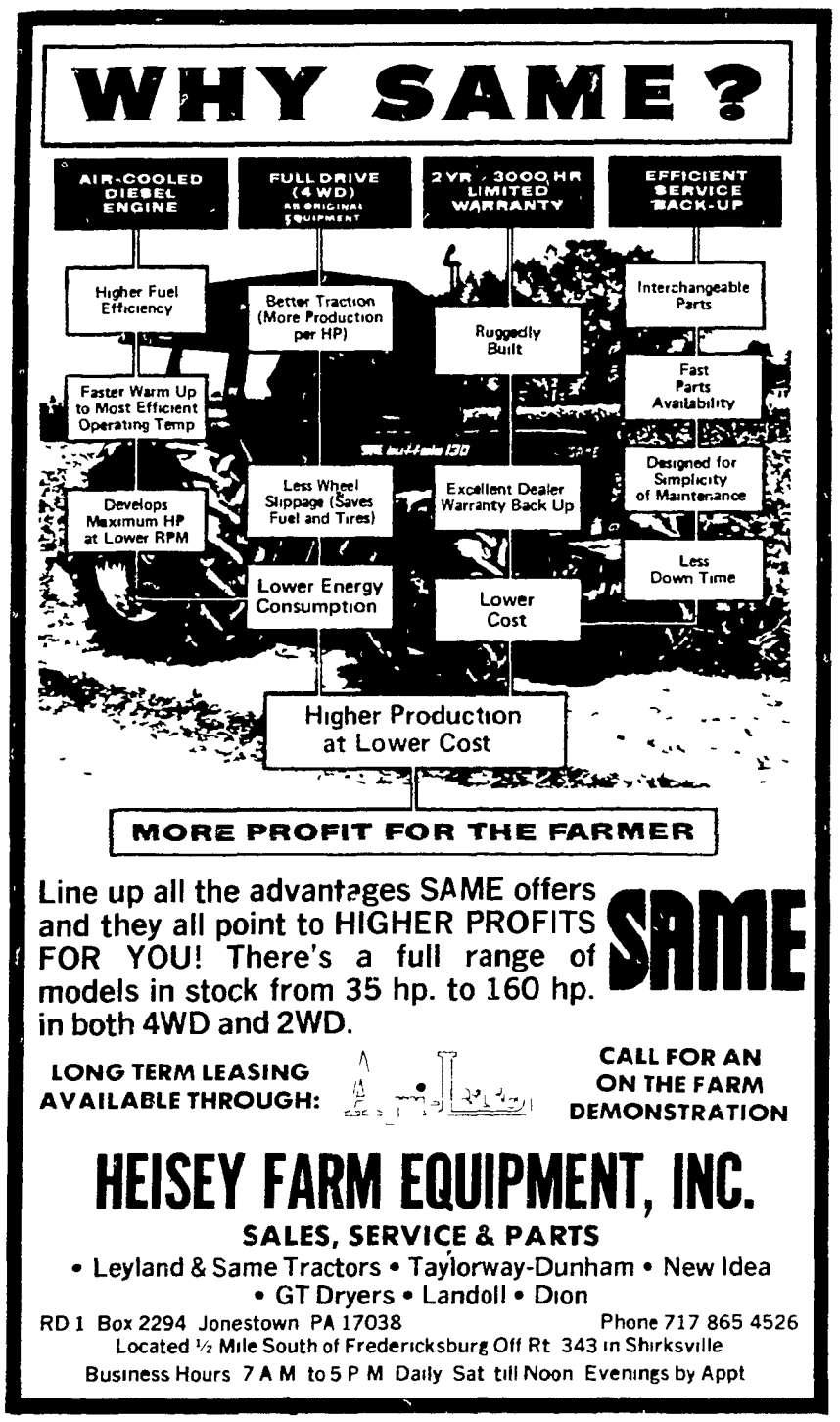
Mix
4 cups flour
1 T sugar
2 teaspoons salt
Add
1 3/4 cups shortening and mix till crumbly
Beat together in small bowl
1/2 cup ice water
1 T vinegar
1 egg

Add to flour mixture and stir till ingredients are moist Divide dough into 5 balls Wrap each and refrigerate at least 1/2 hour before rolling Keeps in refrigerator 3 days For longer time, put in plastic baggies and store in freezer

In response to the request for flaky patty shells Here is Mother's Idiot Proof Pie Crust
For patty shells use 1/2 butter for shortening and add 2 tablespoons sugar, (or seasoning salt to taste if for meat filled pattys)
Idiot Proof Pie Crust 3 cups flour
1 cup shortening
1/4 teaspoon salt

Mix well with hands Mix 1 egg with 1 teaspoon vinegar and 5 tablespoons ice water Add and mix well, work dough till smooth

Mrs. D. Martin Stauffer, Loveville, MD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Farm Women Societies

(Continued from Page C8)

Robert Nolt, who gave an interesting talk on growing and handling popcorn. He also brought generous samples of popcorn for the members to taste. It was delicious.

The next meeting will be held at the home of Mrs. Lloyd Herr, 1113 Colonial Road, Lancaster, Pa

Lancaster Co. Society 28

Lancaster Farm Women 28 met on January 22 at the home of Mr. Elvin Hess, R2, Strasburg.

Thelma Hess gave a report on the County Convention and Judy Harnish reported on the State Convention.

For the program members revealed secret sisters and played some games. The next meeting will be held on February 26 at the home of Mrs J. Richard Herr, R2, Ronks

Berks Co. Society 5

The January meeting of Farm Women 5 was held Monday, January 26.

Members met at Layser's Flower Shop, Myerstown, PA, and took a tour of the greenhouse and flower shop

Following the tour, members travelled to the home of Gladys Kintzer, Mt Aetna and had the regular meeting.

New officers were installed by Carolyn Feeg. They are. president, Dorothy Moyer; vice president, Frieda Keppley; secretary, Rhea Schoener; treasurer, Barbara Batz and corresponding secretary, Sylvia Scharff.

The Program Committee reported a Hoe Down to be held February 28 at the Stouchsburg Fire Hall

The Ways and Means Committee reported a ham on roll sale, March 28

Nan Feeg has been accepted as new member to the group

Members are planning a men's night for February 21 at Risser's Restaurant, Stouchburg The program will be a slide show by Rufus Brubaker from Lancaster County

The next meeting is to be held at the home of Celeste Manbeck, Womelsdorf. Members are asked to bring ribbons and artificial flowers to make wicker wreaths.

Cumberland Co. Society 15

Cumberland Farm Women 15 held its January 22 meeting at the home of Mrs. Janet Kutz, Carlisle

Roll call was answered by telling about the worst winter they can remember.

Old business concerned the State Convention and new business was about the Spring Rally.

After adjournment, Janet Kutz, president and co-hostess Esther Cohick entertained members by having a show 'n' tell with valuable belongings.

February's meeting will be held on February 19 at the home of Janice Yorlets, Carlisle.

Cumberland Co. Society 20

Cumberland Farm Women 20, met recently at the home of Janice Coover, R1, Carlisle. Thirteen members and 2 guests were present.

Roll call was answered by telling: "What was your most memorable state banquet?"

Members who attended the state convention reported on the activities at those meetings.

The group voted to give $25 to the Claremont Farms Auxiliary.

Program booklets for 1981 were given to the members and programs for the coming year were reviewed.

Work continued on macrame owl towel holders which were started, at an earlier summer meeting

Honey production up eight percent

HARRISBURG — Pennsylvania honey production during 1981 totaled 3,280,000 pounds, up eight percent from 1979, according to the Pennsylvania Reporting Service.

The yield per colony averaged 41 pounds, the same as the previous year, while the number of colonies totaled 80,000, up eight percent. Beewax production was 63,000 pounds, up nine percent from a year ago

The average price received for all honey in Pennsylvania in 1980 was 70.0 cents per pound compared with 64.3 cents per pound received in 1979. Beewax in Pennsylvania averaged $1.95 per pound, up four cents from 1979.

Honey production on the national level in 1980 totaled 200 million pounds, 16 percent less than the 1979 crop. The number of colonies was down slightly to 4.14 million and yield per colony declined to 48 2 from 57.2 pounds last year.

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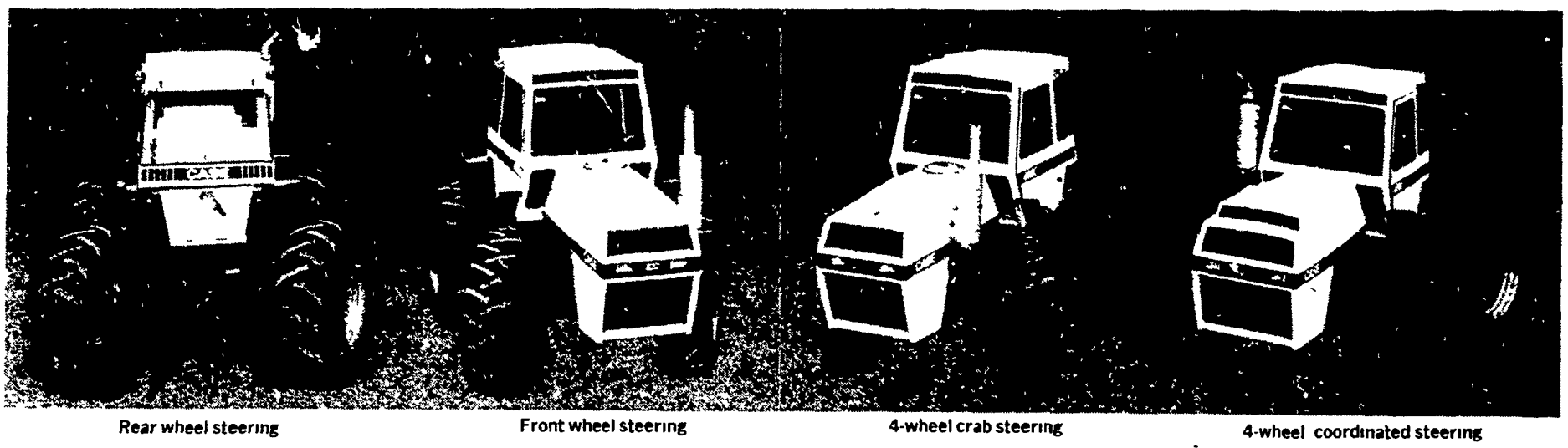

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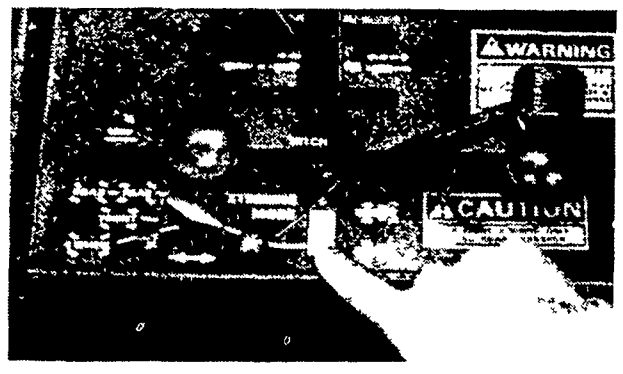

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

REGULAR CARPET MAINTENANCE — IT'S ESSENTIAL

Proper care of your carpets and rugs will greatly determine how long they last in your home. How much day-to-day cleaning is needed depends on many things Rooms that are used very little do not require much attention Others that receive daily use require daily attention.

Give carpets and rugs in heavy traffic areas a quick lint and litter pickup daily a quick, five-minute vacuuming or a run with a non-electric carpet sweeper will do

Once a week use a vacuum cleaner to thoroughly clean rugs and carpets throughout the house These cleanings should include moving and cleaning under all but the heaviest pieces of furniture Use slow, even, back and forth strokes to assure removal of deeply embedded dirt For best appearance, final strokes should be with the grain of the carpet

Rug rakes should be used for fluffing a deep shag rug and carpets, although they should not be used as a substitute for the deep cleaning ability of a vacuum Rake gently so the fibers aren t damaged or the pile distorted

Plush pile carpet is difficult to clean because it is usually high in density and has a deep pile. A self-propelled, upright vacuum cleaner will give deep-down cleaning without forcing you to struggle to push the vacuum

Brooms should not be used on carpeting as they merely toss the dirt around and let it settle back on the carpt Furthermore, a broom's stiff bristles may damage looped pile or break cakrpet tufts

Spills and stains should be treated immediately to prevent permanent damage Consult a stain removal chart for each type of stain

When regular vacuuming no longer brings out the original luster of your carpet, it's time for a thorough cleaning Carpets become dull due to a buildup of oily soil Cleaning can be done professionally, or by a variety of do-it-yourself methods

Some small throw rugs can be machine washed or you can have them professionally cleaned If in doubt, check the label

HOW TO USE COLOR EFFECTIVELY IN THE HOME

Rules for using color in decorating have been established and used for a long time They usually work successfully, and for most people, it's best to work with these rules in mind.

It's only when you know what the rules are that you can be aware when, how and why they should be broken.

The decorating trend today is to break established rules for the use of color This is fine and can be fun, but it can be expensive if the experiment fails For most people, home decorating is an investment in both time and money and costly mistakes can be avoided by thoughtful planning and following the rules

Professional designers who create bold, dramatic interiors have had years of training and experience with color theory While the effects they create look free and spontaneous, they really have just substituted new" rules for the old

When selecting colors for your home, limit your choices to three or four It that doesn't sound like many choices to you, consider the hundreds of shades available in just one color, the variety of intensities in those colors, and the textural interest created by the materials using these colors—the range of colors you have to work with is almost limitless

Once you have worked out what colors you want, you can introduce them in a number of ways—paint, fabric, wallpaper and light

Paint is the least expensive way to use color—on walls, accents on moldings and woodwork, around doors and windows, on the ceiling, on the furniture and even on the floor.

Fabric is an important way to integrate color by using it on upholstered furniture, in rugs, curtains and drapes

Wallpaper, which should be considered at the same time as fabric, introduces color and pattern This can complicate your color scheme slightly if you don't make your selection carefully

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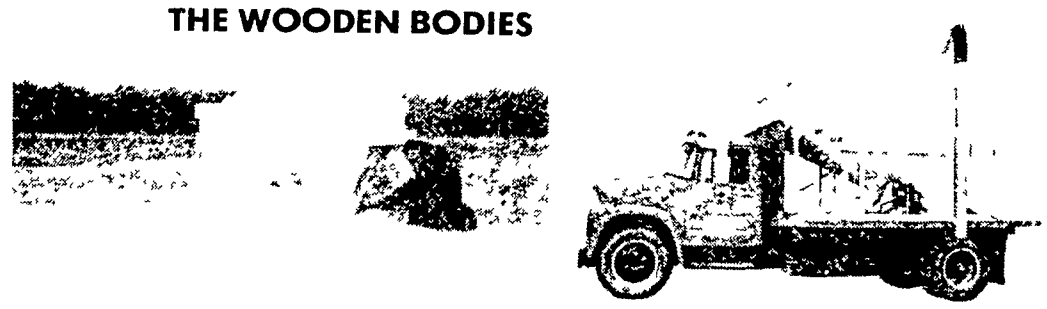

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See Ya On The 19th or 20th!

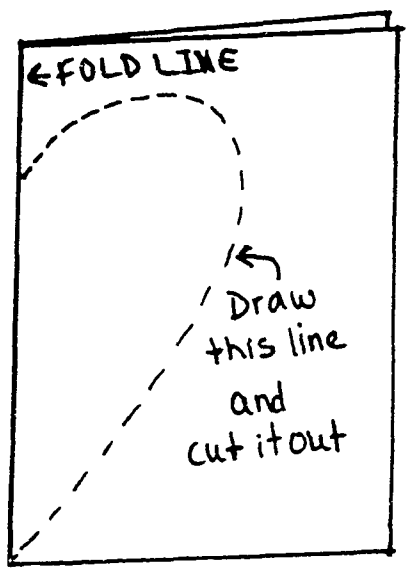
ALLIS-CHALMERS ..... Better by Design

Kid's Korner

This week we have five recipes from the Zimmerman family. Just think of all those delicious recipes from one family. Try them!

Get your brothers and sisters together, write down your favorite recipes and send them to us Remember to have mom check your recipes and sign them so we can publish them

And while you have the whole family together, why not start making some valentines for everyone who's dear to you? You want to have them ready for next Saturday. Use construction paper, crayons, and colored pencils To cut out a perfect heart, fold a sheet of paper in half, draw a half a heart coming out from the folded edge, and then cut as the diagram shows



FEATHER CAKE

1/2 cup shortening
2 cups sugar
3 whole eggs or 5 egg whites
1 cup milk
3 cups self-rising flour
1 tsp vanilla

Cream shortening, add sugar and beat again Add milk and flour alternately and vanilla. Last add eggs Mix and bake in pans of your choice. If using plain flour, add 3 teaspoons baking powder and 1/2 teaspoon salt

Lucinda Zimmerman, Age 6, Millmont

KATIE'S MINCE PIES

6 cups apples
1 pt. hamburger
1 cup raisins
3 T vinegar
1 T butter, melted
2 cups sugar
1 teaspoon cinnamon
1 teaspoon allspice
salt to taste

Mix all ingredients, then pour into 2 unbaked pie shells Bake at 350 degrees for 25-35 minutes

Jon Zimmerman, Age 12, Millmont

OATMEAL MOLASSES COOKIES

1/2 cup sugar
1/2 cup molasses
3/4 cup shortening
2 eggs
1/4 cup milk, sweet
2 teaspoons cinnamon
1 teaspoon cloves
1 teaspoon soda
2 cups flour
1 cup raisins
2 cups oatmeal

Mix ingredients in order given Drop by teaspoons on greased cookie sheets Bake at 375 degrees

Wayne Zimmerman, Age 8, Millmont

BOB ANDY PIE

2 cups brown or white sugar
4 T sugar
1/2 teaspoon cloves
1 teaspoon cinnamon
1 T butter
3 eggs, beaten separately
2 cups milk

Mix dry ingredients then add butter, beaten egg yolks, and milk Fold in egg whites Pour into 2 unbaked pie crusts and bake at 400 degrees for 10 minutes Then reduce heat to 350 degrees and bake until done

Nelson Zimmerman, Age 4, Millmont

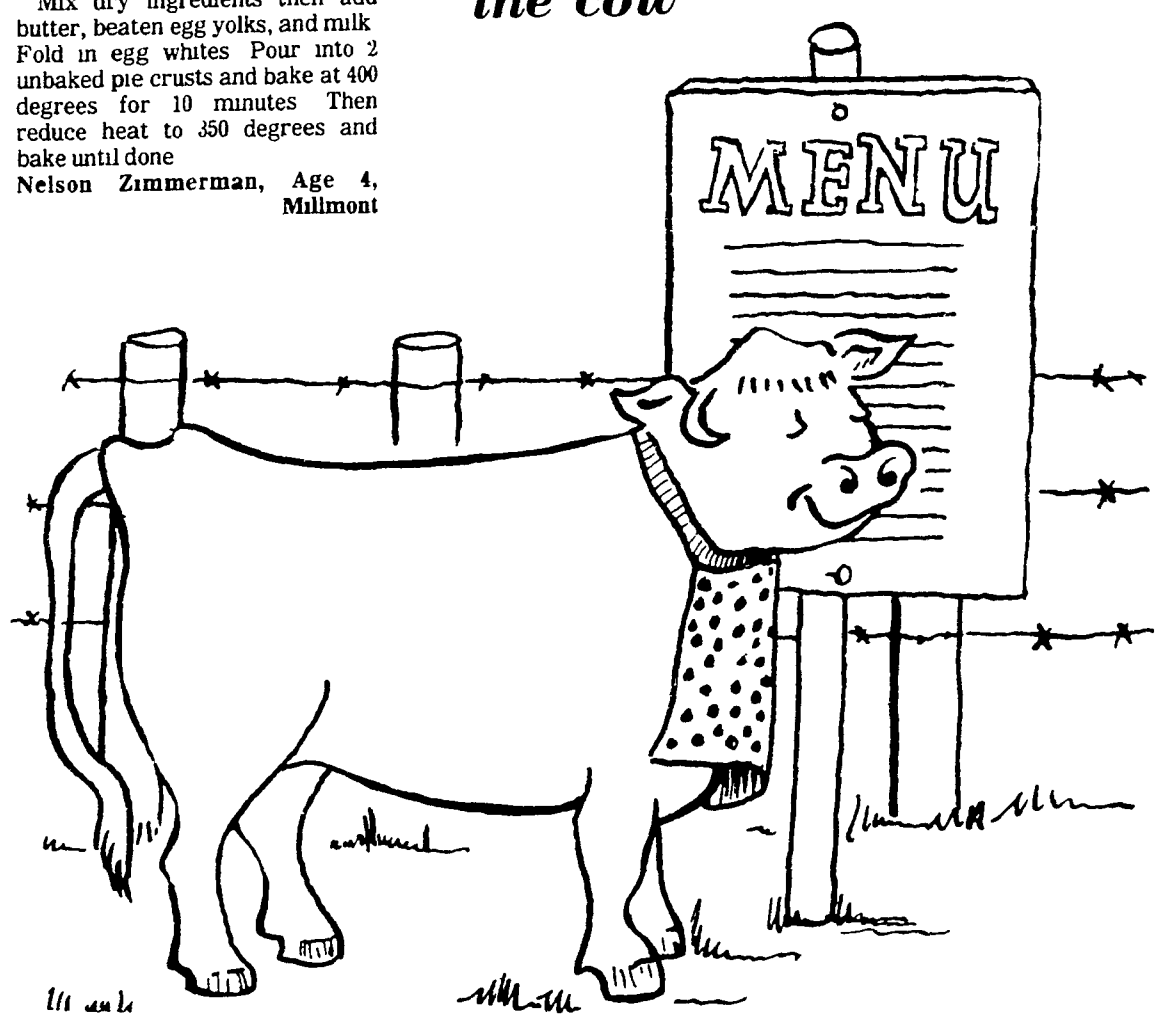
FRUIT SALAD

1 medium jar maraschino cherries
2 quarts peaches
10 oranges
1 quart crushed pineapples
2 pounds red grapes
2 pounds green grapes
3 pounds sugar
3 cups water
2 packages gelatine soaked in 1 cup water
3 pounds bananas, sliced

Boil sugar and water 2 or 3 minutes. Add a few drops yellow food coloring and gelatine which had been soaked in one cup cold water. Pour crushed pineapples over sliced bananas. Stir gently so pineapple juice touches all sides This will keep bananas from turning brown. (Lemon juice will do the same). Add the bananas and pineapples to the gelatine Add other fruit, mix and chill

Linus Zimmerman, Age 2, Millmont

Color the cow



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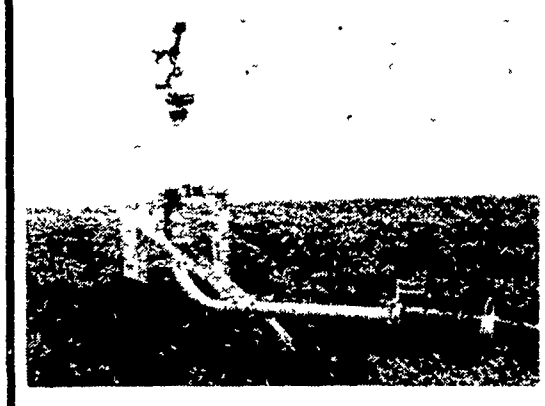

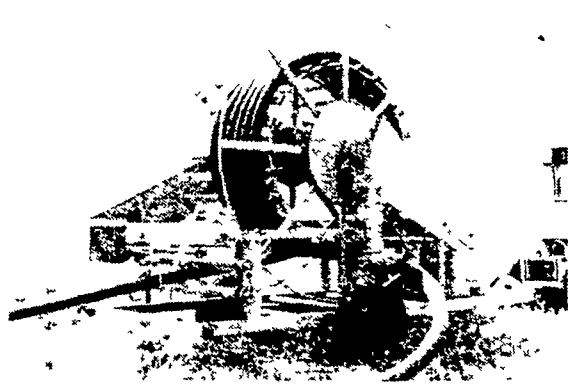

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Ida's Notebook

Ida Risser

We hear a lot about getting back to the basics of our lives.

We are told to recycle newspapers, glass and cans We are also told to eat more natural foods without preservatives. And to save gasoline by carpooling and by taking local vacations Of course, it is always easier to apply these principles to others than to ourselves

Recently, I've been thinking of my youth when it was almost effortless to live a simple life

We had no electricity to waste We didn't ever have a telephone in my home so we couldn't even waste time talking on it Our kitchen stove burned corncobs that the chickens had picked clean and also wood from our meadow which my father sawed each Fall We had a parlor stove that burned coal and we gathered around it to dress in our long underwear and heavy cotton stockings

The food which we raised and cooked was kept on a hanging shelf in the cellar And the milk cans were put into a trough with well water pumped on them to keep them cool As my father was the only driver in the family, we only went away on Sunday when he was free from the fieldwork. We were almost self-sufficient.

Last Fall at a meeting a group of women were each given a large piece of paper and told to make a poster. They also each received an envelope with one, two or more "paper" coins. The idea was to buy pictures and glue to make a design

There was a center where the supplies were stored and personnel were there to give out welfare funds and also a minister to counsel us Such a rush of women clamoring for supplies you never saw

As I had no "money" in my envelope, I decided to make my poster without help from anyone So I quietly headed outdoors and found some red, yellow and orange leaves which I put on the paper with sap from a tree

Maybe I defeated the purpose of the "game" - to show us how we'd feel getting charity-but I was too independent to succumb to the circumstances and beg. The simple life has a lot to be said for it.

Block to speak at Pork Congress

DES MOINES, IA. — Secretary of Agriculture John Block will be a featured speaker at the 1981 American Pork Congress in Kansas City, Missouri, March 11-13.

Block is scheduled to speak on "The New Look In Agriculture" Friday, March 13, as part of the Issues and Answers for Challenging the Future seminar.

Block's background as a hog and soybean farmer and recent policy statements have strongly suggested a re-orientation of future USDA policy under the new administration.

Block is said to favor less government intervention and regulation of agriculture, ending embargoes, and curbing inflation through spending cuts rather than regulating retail prices.

Friday's seminar also features Congressmen Tom Foley and Thad Cochran on the subject of farm legislation in the 80's

Foley, a democratic representative from Washington's 5th District, is the third ranking democrat in the House. He surrendered his chairmanship of the House Agriculture Committee to assume that post as Majority Whip, but is expected to be named as Vice-Chairman of the House Ag Committee. Foley also serves as chairman of the House Livestock and Grains Subcommittee.

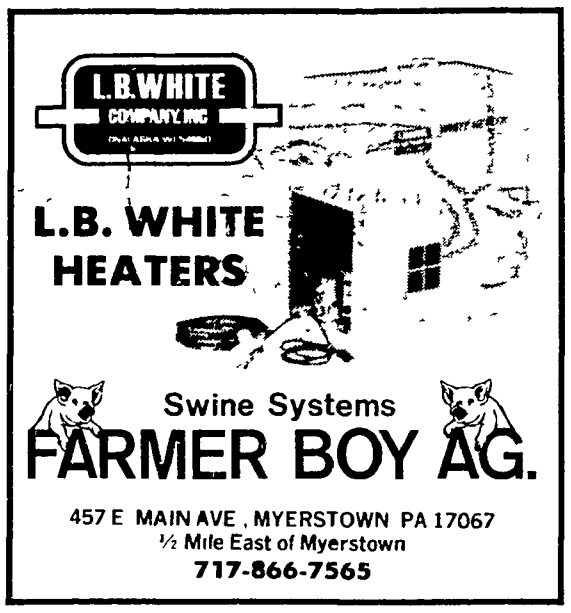
Cochran, a republican senator from Mississippi, is the chairman of the Senate Agriculture Appropriations Subcommittee. This panel must approve funding levels for all USDA and FDA programs. Cochran is also a member of the Senate Agriculture Committee.

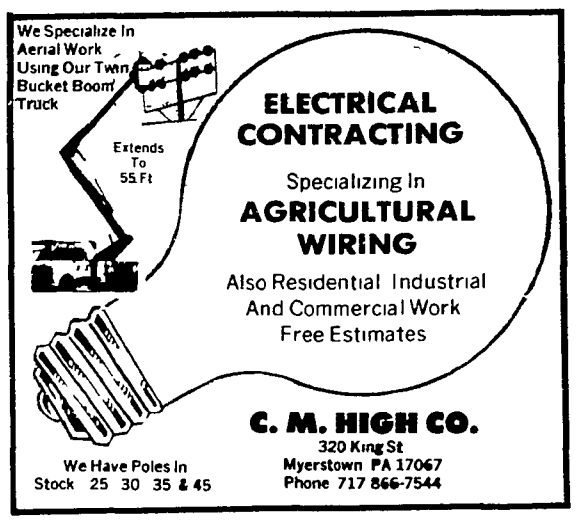
Food safety and the abolition of the Delaney Clause are the subject of presentations by Representatives Wampler and Jim Turner during the Wednesday seminar entitled "Challenging the Direction of Government."

Wampler, a republican representative from Virginia's 9th District, is the ranking minority of the House Agriculture Committee. He is also the author of a bill to create a National Science Council to decide, on a scientific basis, whether suspect chemicals are actually hazardous to human health.

Turner is an attorney with Swankin and Turner in Washington, D.C. and was one of the first Nader-associated consumer activities in the foods area.

Turner is also the author of the book "Chemical Feast" which attacked the red meat and poultry inspection system He is an adamant supporter of the Delaney Clause.





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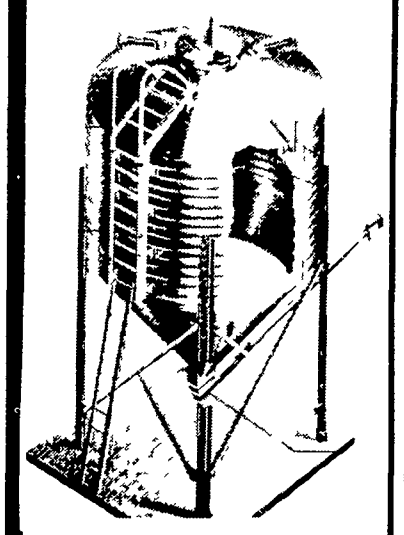

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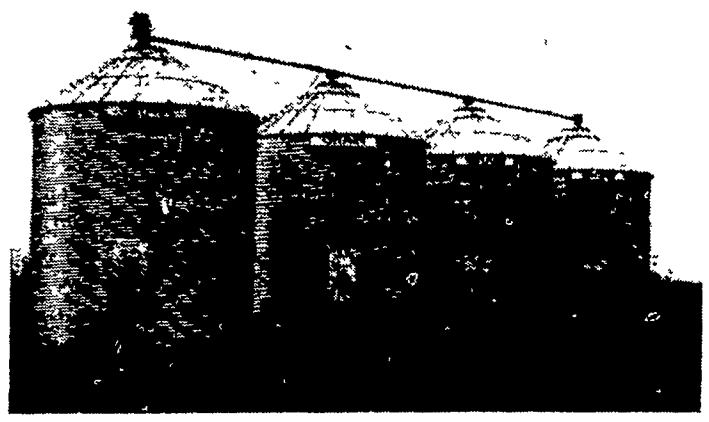

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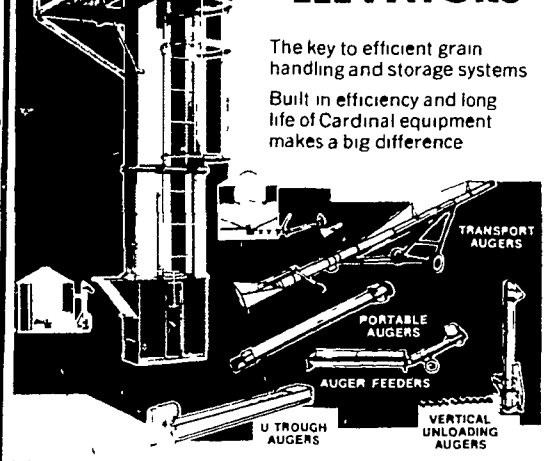

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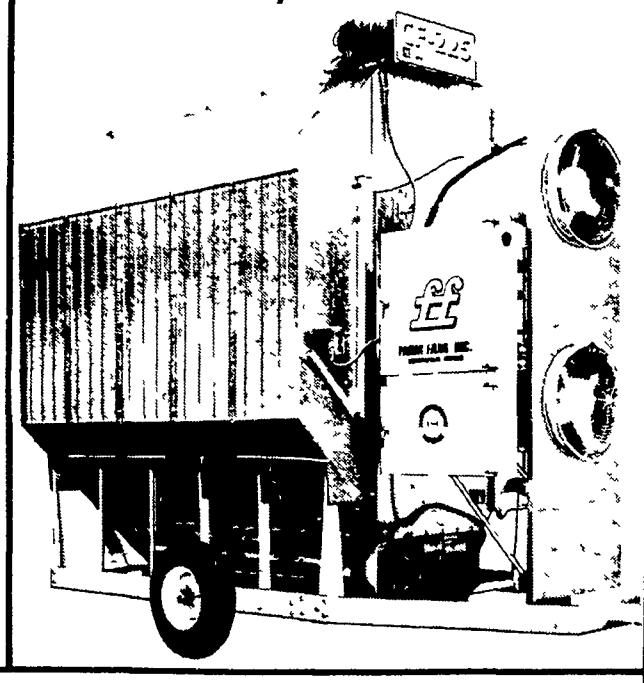

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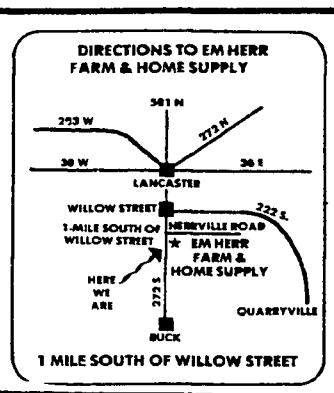


On being a farm wife -And other hazards

Joyce Bupp

Gasoline, diesel and fuel oil at $2 per gallon? Interest rates at 25 percent? Homes priced at a hundred-thousand and the average family-size bringing a million?

"Impossible!" we may have once shouted. Those are no longer just mere possibilities, but hard, cold realities of tomorrow

Serious as those economic woes appear, they may soon take a collective backseat to a more immediate, and almost unsolvable crisis

Water. Or rather, the lack of it

Heifers housed on a farm nearby lick at the slow drips trickling from a barn waterer Inside the old home, a 78-year-old farmwoman wrings her hands with nagging fear. Her once-abundant spring has diminshed to a puddle

"Since early in the 1900's, our water has always run strong," confides a farmer I chat with recently at a meeting, as he slowly shakes his head from side to side with concern "And now it's almost dry "

A new acquaintance laments that her family's small flock of sheep must be moved from their pasture Ewes, heavy with lamb, once slaked their thirst at the small stream that chattered and gurgled its way through the grass Now the pleasant sounds of water over small stones is stilled and the sheep can only nose at the moist ground

Poultry-producing friends haul tankfuls of water to pump into the empty water lines of their chicken house, where the well has gone dry, until a new shaft and deeper pipe can be sunk in search of diminishing underground flows

And a barnful of top-producing dairy cows suck at their water fountains, searching for the flow that barely trickles in. With heavy hearts, our dairy farm friends begin filling buckets from a nearby spring supply to supplement the meager moisture running through the lines Soon they will know if they must also drill in search of a steady flow

What is more precious, more necessary and more used, abused and taken for granted than water?

The technology of man can zoom a person to the moon, enable us to annihilate one another with sophisticated computer weaponry, build machines to perform almost any task

But man cannot create a water supply

And even while our collective lips begin to dry and crack, and the tongue of the American people parches, we continue to systematically foul and destroy the water absorption and filtration system of the earth that surrounds us

Hour after hour, bulldozers rip up tons of topsoil and level forests for more housing developments, more shopping malls, more highways. Concrete and asphalt shape an impenetrable seal that shuts out the life-giving moisture when it does fall, sending it into storm sewers and on to the sea.

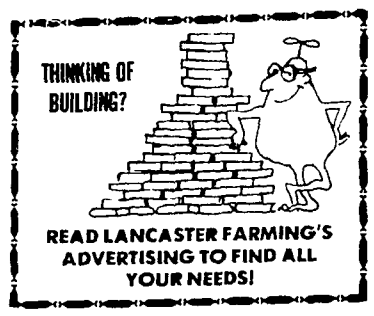
Daily we dig more wells to take up underground supplies while septic systems and landfills threaten to further pollute the limited supply of water that does run somewhere beneath our feet.

In the name of progress, we are rushing down a path of self-destruction to the very essence of our survival. Water

One storm, two storms, even the proverbial "good, wet Spring" will not solve this long-range crisis.

Perhaps the time has come when we must fall to our knees and seek help from a higher source, not just for moisture for our immediate needs, but for some wisdom and guidance in learning how to better use our most precious natural resource.

It could be our last chance



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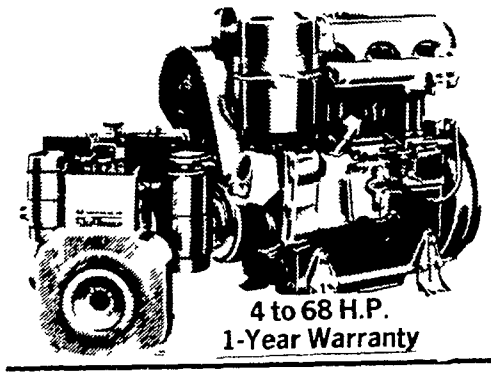

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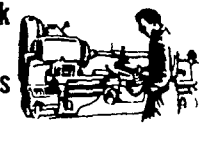

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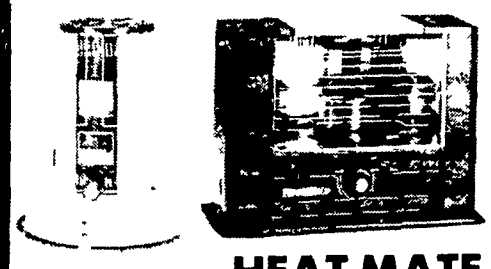

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Farmers must comply with Hazardous Waste Act

YORK — Forget about stacking those old, empty pesticide cans out behind the barn, or using them to water the heifers

Because, like it or not, farmers caught in those practices will be considered violators of the new Hazardous Waste Disposal Act

That's the word from Don Lott, pesticide inspector for the Pennsylvania Department of Agriculture And because restricted chemicals are now considered hazardous materials, farmers abusing the use or disposal of the crop growing aids can expect a visit from one of the one hundred Department of Environmental Resources inspectors assigned to the state to oversee toxic chemical disposal regulations

Lott says farmers, though, have nothing to worry about if they follow a few simple handling precautions He briefly outlined aproved disposal methods of chemical containers some 200 for growers attending the January 28 York County corn clinic at the 4-H center

Any restricted chemical container merely must be rinsed three times, and then rendered useless in order to no longer be considered a hazardous waste product According to Lott, that simple ruling is a big concession" to the agriculture segment by officials of DER

Lott suggests filling and rinsing the emptied chemical container at least the three required times while bulk tank sprayers are being filled That way, the water from each rinsing, and whatever traces of chemical it contains, can simply be added to the spray tank for use

That's only good management, to get every ounce of that expensive fluid out on the crop," affirms Lott

Then, a sledge hammer, or an ax, or some type of cutting instrument should be used to flatten, or puncture, or cut apart the metal containers, so they cannot be used to hold other materials

Glass containers should be smashed and the pieces disposed in a suitable and safe place Plastic, cardboard or paper containers may be burned; however, certain substances, such as 2, 4-D, release toxic chemicals upon burning, and may not be disposed of in that manner.

Farmers are allowed to bury containers on their property, providing the soils are of the type that do not readily drain. However, Lott recommends that York County's well-drained limestone soils are not suitable for burying such wastes and farmers should avoid that disposal method

Instead, once the containers are rinsed and rendered useless, they can be taken to commercial sanitary landfills Most landfill and trash disposal firms are privately operated, however, and are not under obligation to take these materials if they so refuse

Extension offices have lists of recommended disposal sites and farmers with waste disposal questions are urged to contact those offices

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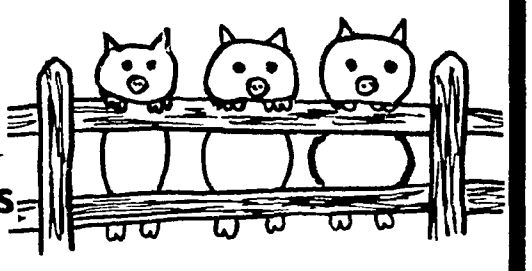

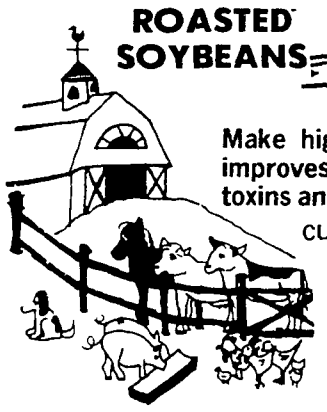

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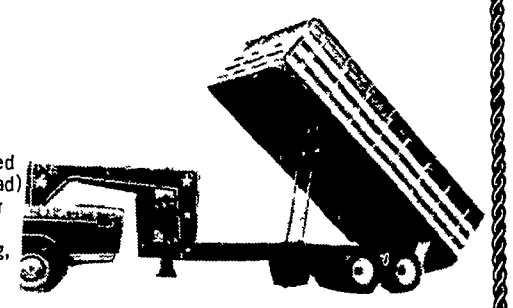

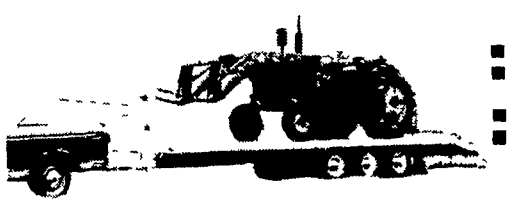

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New in the 4-H world

Valentine square dance planned

FLEMINGTON, N J. — An afternoon and evening Valentine Special Square Dance will be held February 14, at the Hunterdon County Extension Center, Route 31, Flemington New Jersey

Six callers, Dick Jones of Califon, NJ, Joe Fioretti of Island Heights, NJ, Glenn Matthews of Levittown, PA, Bob Gaunt of Harmony, NJ, Jim Howatt of Trenton, NJ and John Carlton of Maguire Air Force Base will keep the dancers moving in two halls and on four levels of square dancing. The four levels of square dancing are non-dancers or beginners (people who have never square danced), class level for those who are currently taking lessons or who have done some dancing, mainstream and main stream plus.

All this will be intermingled with line dances, line dance workshop, easy round dances and a clogging demonstration by the 4-H Hot Foots of Burlington County.

Dancing will break at 5.30 for supper, which is included in the price of $3.00 advance ticket or $3 50 at the door for teens and $4 00 advance or $4 50 at the door for adults per person

The dance is aimed at teens, young adults and square dancing families. It is not necessary to come in couples. Singles are welcome Minimum age for non-dancers is 12 years old Square dance attire is expected This is a dress or skirt for girls and a long sleeve shirt for boys. Please wear soft soled shoes such as sneakers to avoid making black heel marks on the floor

The event is sponsored by the Hunterdon Hayskahers 4-H Square Dance Club. Square Dancers from all over the state and neighboring states are expected to attend.

Tickets may be obtained from Mary E Ternosky, P.O. Box 33 Glen Gardner NJ 08826 (201-537-2564), Barbara Metch, R2 Box 325 Flemington, NJ 08822 (201-782-8771), Shelley Kephart R2 Box 233A, Philhower Road, Lebanon, NJ 08833 —201-832-2304) or Glenn Matthews, Wessley & Harding Aves , Hulmerville, PA 19047 at 215-757-7339.

Boots and Saddles 4-H

LANCASTER — The Boots and Saddles 4-H Horse and Pony Club held its January meeting at the Farm and Home Center

Officers were elected as follows president, Janine Shank, vice president, Valerie High; secretary, Gail Graver, treasurer, Kris Buck

The horse show committee was chosen along with three county council members Gail Graver, Pam Mckensie and Janine Shank with Esther Wittle and Karen Waltman as alternates.

The February meeting will be held at the Hempfield High School.

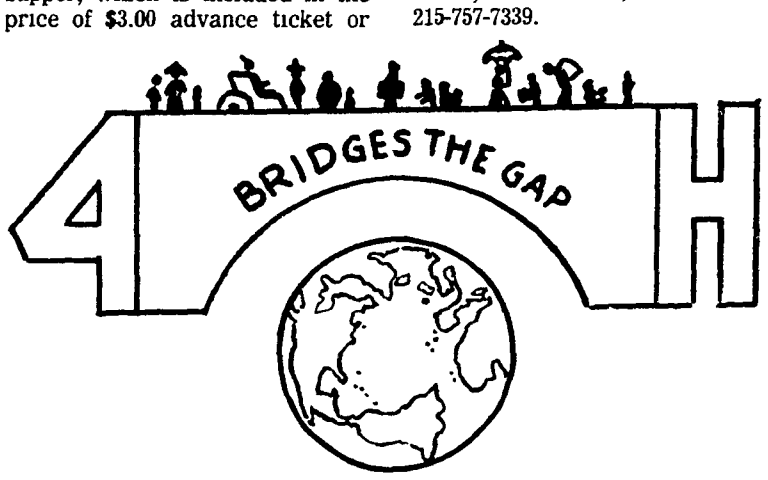
If anyone is interested in joining the Boots and Saddles Club, call Rose Fellenbaum at 569-3068

Northeastern 4-H meets

LANCASTER — The Northeastern Community 4-H Club held its January meeting at the home of Steven and Greta Gross

Members planned various meetings for the coming months

The next meeting will be at the home of Lisa and Lori Gross on February 23 and will be a game night.



4-H'ers learn lessons in commodity marketing

LANCASTER — Why does the price of lettuce fluctuate from week to week at the supermarket? How might a severe drought in the wheat-producing states affect the price of bread in your local supermarket?

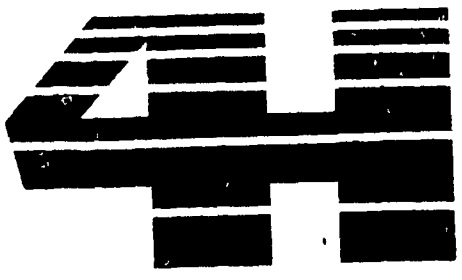
Both examples are tied to the economics of marketing and distribution studied by members in the national 4-H commodity marketing program, conducted by the Cooperative Extension Service, and support by The Chicago Board of Trade

Members learn that commodity marketing involves everything, from planting and harvesting a raw product to storing and transportation, to processing the raw product for use as food, fiber or other end products, to the merchandising and selling of the end products.

4-H commodity marketing programs are designed around such widely diverse products as clothing from a garment center to consumer education, and from silver and forest products to crop and livestock production. Members learn the basic principles of a free market system and how it relates to commodities sold in cash markets and traded in futures markets of major commodity exchanges, participate in marketing activities which explain the use of futures markets as a management tool, share their knowledge of market information with other 4-H'ers and in project activities, and explore career opportunities in marketing and agribusiness

Each year members get a better understanding of how a future market operates at a Commodity Market Symposium in Chicago, Ill.

Boys and girls, nine to 19, who excel in the program are eligible for awards, donated by Chicago Board of Trade, and arranged by National 4-H Council medals of honor are awarded to four members from each county, and one 4-H'er from each state earns an expense-paid trip to this year's Commodity Marketing Symposium, April 26-29



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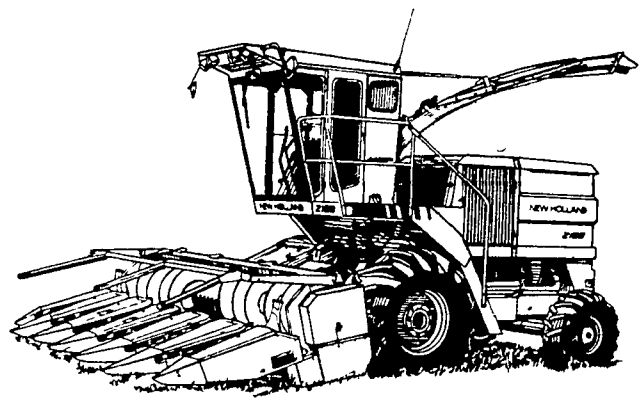

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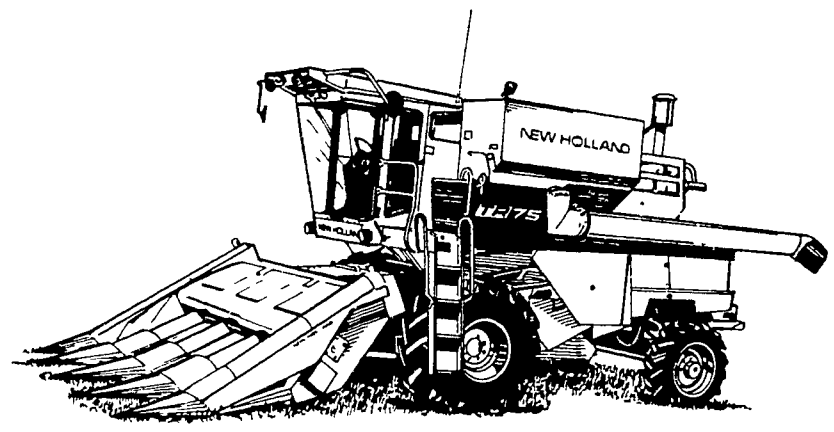

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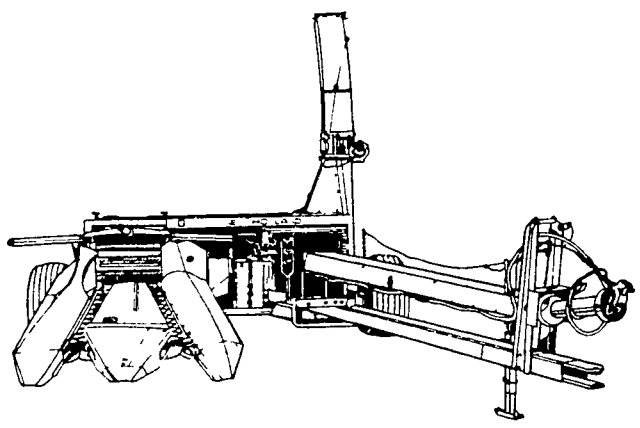

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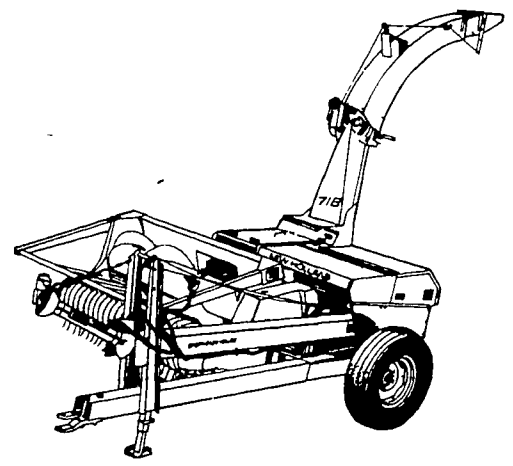

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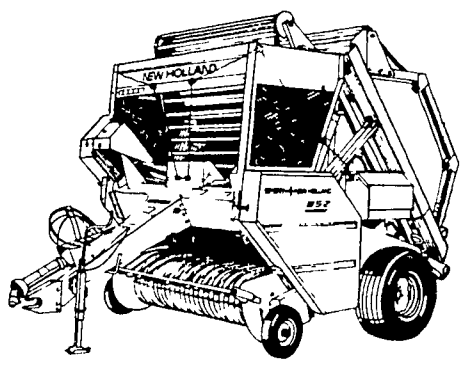

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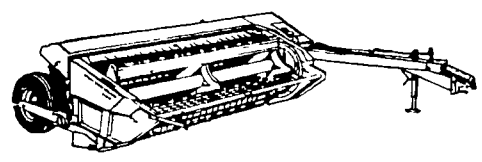

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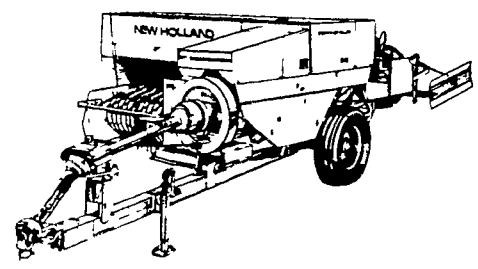

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DETAILS

Lebanon District offers tree seedlings

LEBANON — For the fourth consecutive year, the Lebanon County Conservation District is offering landowners the opportunity to save energy and enhance their property through the purchase of evergreen and deciduous tree seedlings, announced Gene Odato, forester with the District.

"The evergreens that are being offered are blue spruce, Norway spruce, white pine and douglas fir These trees are 3 years old, which makes for easy handling and planting," said Odato

The blue spruce is an excellent tree for yard plantings and windbreaks, he added. Because of its silver blue and green colors, it is highly sought after for beautifying yards. Although it is a slow grower, it can reach heights of 40 feet and crown spreads of 25 feet

Norway spruce is a fast growing tree that has been extensively planted throughout Pennsylvania for timber and pulpwood production It is also used for ornamental purposes because of its straight tapering form and its upswinging branches Under ideal conditions this tree can reach a maximum height of 125' and 3 feet in diameter

Douglas fir grows to 200 feet, will reach 6 feet in 9-10 years, starting with a 3 year seedling and has short, soft blue-green needles This tree grows fastest in moist well drained, light soil in full sun and will not do well in heavy, wet, clay soil.

The Douglas fir, is the largest lumber producing tree in America, providing the country with 60 percent of its timber It is also the most popular Christmas tree because of its color, symmetrical form and its ability to hold its needles for a long time

White pine is one of the most beautiful and useful forest trees native to Pennsylvania. It is used for timber and pulpwood production, interior finish, cabinet work and many other articles

White pine does well on a range of soils and is a fast growing tree It is recommended for Christmas tree use and as a windbreak because of its deep roots White Pine grows to 100 feet tall and 2-4 feet in diameter

Red oak, one of the hadrwoods available, grows to 75 feet Its dense, lustrous foliage turns a deep red in the fall

Red oak grows best in sandy to rich loamy soils in full sun, and is the fastest growing of all oaks and one of the most popular ornamental oaks.

Sugar maple is also known as the rock maple This tree grows to 120 feet with dense, deep green, lobed leaves that turn yellow to orange and red in the fall Sugar maple thrives in most well drained soil and is one of the best and most common of our native shade trees [illegible] oaks up less than other maples in snow, ice, and windstorms It is very important in the production of timber and also valued for maple sugar and syrup

Black walnut is one of the most highly prized trees in North America Southeast Pennsylvania isn't the best area to grow walnut, but it will do well on deep rich soils It can grow to 90 feet tall and 3 feet in diameter

White flowering dogwood is considered to be the best ornamental tree native to northeastern United States It blooms in late May and produces red berries in the fall Dogwood is an attractive, small tree that does well on average to good soil.

Russian olive has been noted as a good wildlife tree since it provides a nice crop of silver-yellow berries in the fall It grows to a height of 20 feet. Russian Olive does well with only a one-half day of sun in average moisture conditions on ordinary soil

"Many woodland owners ask about planting trees in their already existing timber stand," said Odato In most cases this is not feasible because of natural succession and animal damage "

Evergreens are packaged in bundles of ten and are $2 65 a bundle The hardwoods are $1 30 each All seedlings can be ordered by contacting the Lebanon Conservation District, Room 110, Municipal Building, Lebanon, PA 17042, telephone 717/272-3377

Deadline for orders is March 27 Pick-up dates are April 24 (10 a.m - 3 p m.) and April 25 (9 a m -12 p m.)

Information on how and where to plant will be available when the trees are picked up

Lebanon Tree Seedling Order Blank

EVERGREENS: One bundle of 10 seedlings of same variety @. $2 50/bundle + $ 15 (6% tax) = $2 65

BUNDLES OF TEN	# of Bundles	Total Cost
White Pine (6-12")		
Douglas Fir (6-12")		
Norway Spruce (5-10")		
Blue Spruce (5-10")		
TOTAL EVERGREENS		

HARDWOODS $1 22 each + 08 (6% sales tax) = $1 30 each

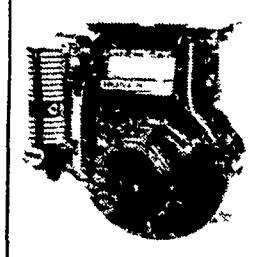
	# of Trees	Total Cost
Flowering Dogwood (12-18")		
Sugar Maple (6-12")		
Walnut (12-18")		
Red Oak (8-12")		
Russian Olive (10-20")		
TOTAL HARDWOODS		
TOTAL ORDER		

NAME_____

ADDRESS_____

CITY _____ TELEPHONE # _____

Please return this order on or before March 27, 1981 to
LEBANON COUNTY CONSERVATION DISTRICT
Room 110, Municipal Building
LEBANON, PA 17042
Phone (717) 272-3377



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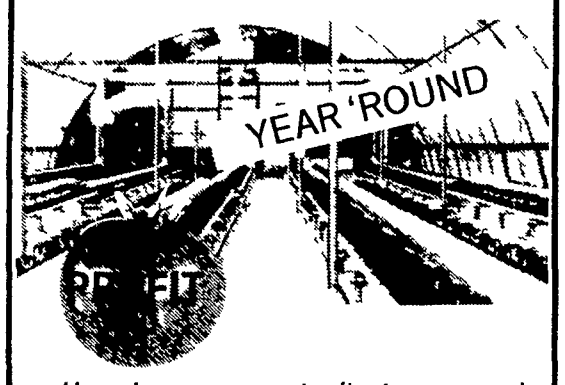

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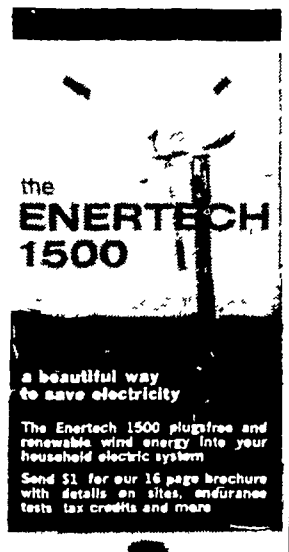
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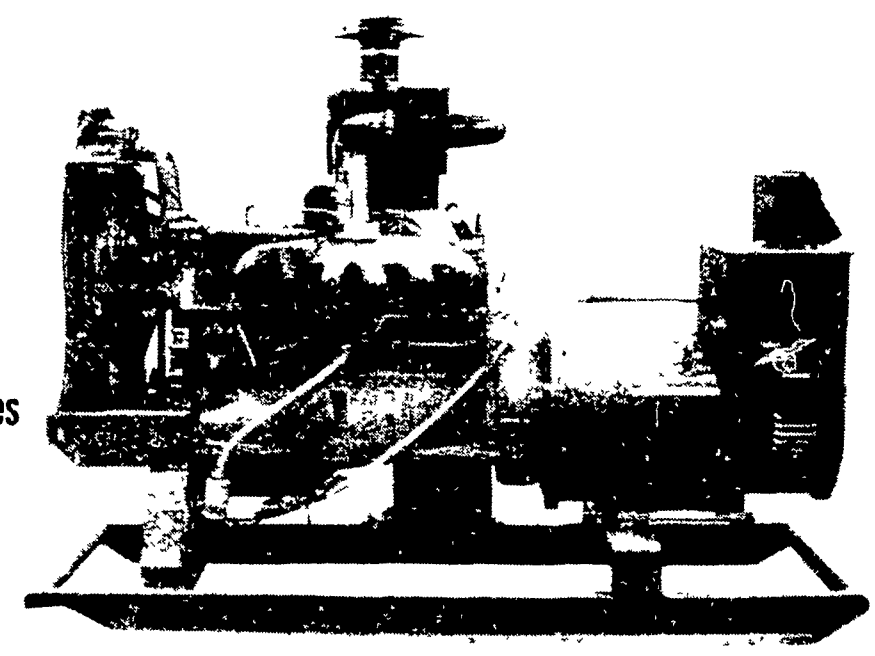

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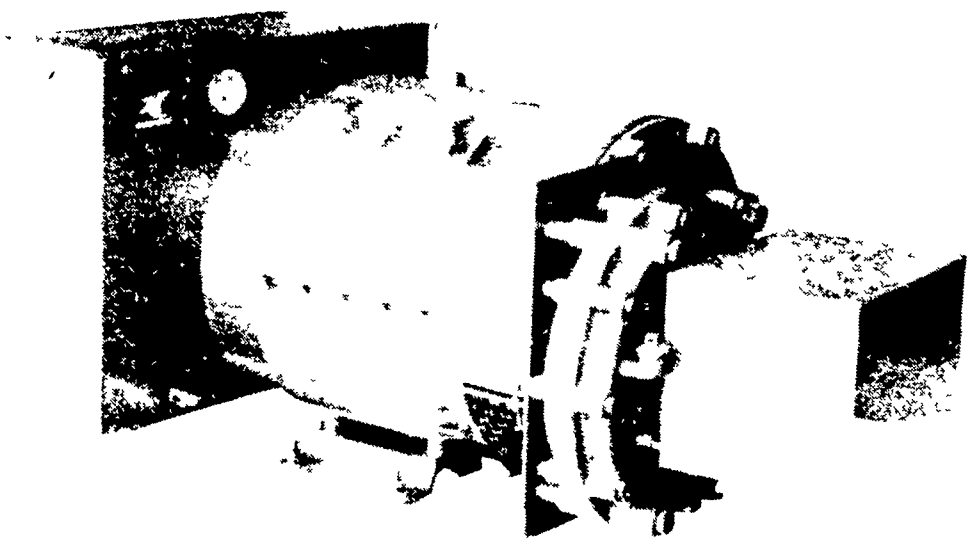

Berks County to hold dairy day Wednesday

BERNVILLE — On February 11, at the Berks Extension Dairy Day Michael O'Connor, extension dairy specialist and Sam Dum, extension farm management specialist, will be two of the main speakers.

O'Connor has been with the Penn State Dairy Extension staff since 1979. A native of Rhode Island, Mike received his B.S. degree at the University of Rhode Island, and his M.S. and doctor's degrees from Virginia Polythechnic Institute. O'Connor is responsible for developing and conducting educational programs in animal reproduction.

Dum has been a member of the P.S.U. staff since 1967. A native of Perry County, Sam has received his bachelor of science and masters of science at Penn State in Agricultural Education and Agricultural Economics respectfully. He then received his Doctor's in Ag Economics at Purdue University.

Samuel A. Dum

Michael O'Connor

Dum's duties are the supervision of educational farm management programs in dairy production economics, crop production, and crop storage economics and farm business analysis.

The program begins at 9 am and will be held at the Agricultural Center in Bern Township.

Topics include:

9:30 Structures for Young Stock (three months to calving - Dan Myer - PSU Ext. Ag Engineer

10:15 Estrus Synchronizatin and the use of Prostoglandin - Mike O'Connor, PSU Dairy Scientist

11:00 Emergency Crops Economics and their Uses in Croping and Feeding - Sam Dum - PSU Ext. Farm Management Specialist

11:45 Pesticide Update Training - Clyde Myers, Berks Co. Agent

12:00 Lunch

1:00 Energy Considerations in Dairy Facilities - Dan Myer

1:45 Records Today - for Tomorrow's Management Decisions. - Sam Dum

2:30 Maximizing Reproduction Efficiency - Mike O'Connor.

3:15 Question & Answer Period

Reservations can be made by calling Clyde A.B. Myers, County Agent at the Extension Service 215/378-1327.

Cattle due for less time in feedlot

DENVER, Colo. — Regardless of whether the present U S. beef grading system is modernized to emphasize the production of high-yielding lean beef without reduction in quality to the consumer, cattle are due for less time in the feedlot, says one of the nation's largest feeders.

R.L. "Bob" Bliss, vice-president of the cattle feeding division of Friona Industries, Inc., Friona, Texas, told members of American-International Charolais Association gathered in Denver for their 24th Annual Meeting production costs are forcing feedlot operators to change their ways of finishing cattle.

"Feed grain prices have increased 30 percent and we are experiencing the highest rates ever," he said. "Feeders are looking for ways to cut costs and the consumer is looking for lean beef."

Bliss, who is president of the Texas Cattle Feeders Association, alluded to research that showed cattle, after reaching certain weight levels for their breed, tend only to lay on costly excess fat that is trimmed and discarded.

Increased production of large-framed, higher cutting cattle is needed, he said, to provide the kind of cattle that will efficiently produce more quality lean beef in a short time. He told the Charolais breeders they stand to contribute more to the trend toward lean beef production than the other continental breeds because of their greater cattle numbers.

Bliss cited a special study by Friona Industries this past year in which carcasses from Charolais-cross bulls, heifers, steers and Holsteins were evaluated at Texas A&M University.

He said the evaluation showed only 6.6 percent fat trim from the Charolais cattle, compared to 7.6 percent for the Holsteins and 10 percent for the choice carcasses evaluated. Charolais provided 48.9 percent of their initial carcass weight in selected sub-primal cuts.

Bliss also pointed out that by "cleaning up the choice grade", producers would provide the best quality beef with the tenderness and flavor desired by the consumer.

"The only thing we'd be removing from the beef is excess fat, which the consumer does not want," he explained.

At present, he stated, the choice grade provides 8 percent of the carcass market, but "there are large numbers of cattle in the choice grade that should not be there."

Bliss suggested that with improved leanness of beef, more high choice cattle would move into the prime grade, which now utilizes only 6 percent of the carcass market, and provide prime beef with 16-17 percent of the market.

On the bottom side, sufficient top good carcasses that are being merchandised successfully under private labels could be brought into the choice grade without sacrificing tenderness, flavor and juiciness. Such a move would permit the choice grade to accommodate 70 to 75 percent of carcass beef supplies. The balance of the good grade then would be used for processed meats, flaked and ground.

W.T. "Dub" Berry, executive vice president of the National Cattlemen's Association, told the Charolais breeders about the cooperative efforts of the various segments of the industry to modernize the grading system, and urged their participation in industry affairs.

Purebred breeders in this country represent only three percent of the total production, with 97 percent represented by the commercial segment. Yet, each is faced with common problems, he said, urging a continuing breeder participation in NCA affairs.

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Southern hemisphere gets rain

WASHINGTON, D.C. — As the United States grew warmer and dryer from lack of seasonal precipitation, heavy rains fell in many growing areas of the Southern Hemisphere, according to a weekly report issued Tuesday by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture.

Highlights of the report fellow.

--United States. Only the Southeast had below-normal temperatures last week as warmer conditions spread over nearly all of the country

Wheat broke dormancy as far north as Montana creating an unhealthy situation should firgid weather suddenly return Winter wheat fields in the central states remain too dry, but some rain was recorded in southeast and western regions

–South Asia. A slow-moving westerly storm dropped abundant rain on northern India's winter grains, easing the need for irrigation water and improving conditions in unirrigated fields Grains are in the mositure-sensitive heading stage

–South Africa. Corn growing in the Maize Triangle benefited from abundant moisture last week. Previously, some areas of southern and western Orange Free State were becoming too dry as the crop entered the moisture-sensitive reproductive stage

–South America. Corn and soybeans in Argentina received heavy showers last week aiding the reproductive stages of the crops In Brazil, scattered showers fell on the soybean crop which is flowering, with pods forming on early-seeded plants in northern crop areas

Western USSR. Winter grains benefited from increased snowcover last week as above-normal precipitation was recorded over the western third of the winter wheat belt

Snow is most needed in the northeastern Ukraine, northern North Caucasus, southern Black Soils and lower Volga Valley Current above-normal temperatures pose no threat of winterkill.

–Eastern Asia. Despite light precipitation over most agricultural areas in China, winter grains remained dry, indicating potential problems for unirrigated winter grain, fields when moisture needs increase with the onset of warmer spring weather

Winter grains in southern coastal areas of South Korea benefited from abundant precipitations

–Europe. Most regions have good soil moisture, but dryness is now developing in northern Italy and the southern three-fourths of Spain Temperatures surged above normal over much of the west, encouraging winter grain growth, but eastern countries were cooler than normal

--Northwestern Africa. Precipitation decreased substantially in all areas last week Winter grains in Tunisia and Algeria have good soil moisture, but portions of Morocco remain too dry

In southern Moroccan grain areas, plant stress will become critical where temperatures rise unless considerable rain is received in the next few weeks

–Australia. Northern Australian pasturelands and crop areas received significant rainfall while dry weather prevailed in the summer crop areas of southeastern Queensland and southern Australia.

–Mexico. Light rains and cool temperatures slowed corn harvesting in portions of the Southern Plateau last week, while mild, dry weather over the West Coast favored vegetable development and harvest.

Penn Manor tobacco rap session

MILLERSVILLE — A tobacco rap session will be held this week at the Penn Manor High School.

The session is slated for Thursday, February 12 at 7.30 p m

The meeting will be held at the High School Relocatable Building, currently located next to the tennis courts

Guest speakers for the evening will include John Yocum from the Southern Field Research Lab and Steve Fisher from FMC

Yocum will discuss blue mold, wild fire, etch virus, 36-inch rows versus 40-inch rows, liquid nitrogen applications, new tobacco beds, sanitation problems, and chemicals for suckers, aphids, and other tobacco problems

Fisher will present a program on the use of Furadan on tobacco He will answer questions on what, when and where to apply the material

For further informaion on the Penn Manor tobacco production meeting, contact Young Farmer Advisor Jeff Hart at the school in Millersville, or call 717/872-5431

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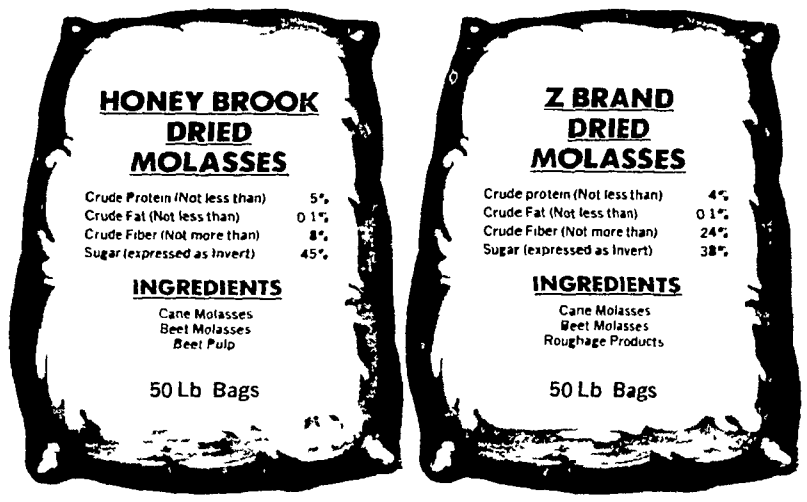

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CBT representative traces marketing history

YORK — Farmers wait in long lines to unload their harvested grain, after searching fruitlessly for a better price. A glut of grain has depressed the price and, in frustration, some growers dump their loads of corn on the ground.

It could well be a moderate scenario But the time was 1848 and lines of horse-drawn wagons filled the muddy streets of a small midwest settlement named Chicago. Since grain storage was non-existent, bread priced fluctuated from a low three cents per loaf during the harvest grain influx to a soaring 15 cents in Spring when supplies of grains were depleted.

Sellers and buyers agreed on one thing: some type of organized market had to be devised. Thus, the Chicago Board of Trade was founded.

That's just part of the grain marketing history related by Board of Trade representative Keith Moens, a featured speaker on hedging and the futures market last week during the York County corn clinic.

Moens calls the Chicago Board of Trade "nothing more than a marketplace, an open outcry auction, with everyone yelling and screaming at the same time." The concept of open outcry markets, where buyers can call out their bids to be heard by all, originated within the culture of ancient Rome

For those nineteenth century farmers who hauled their wagonloads of corn into the rutted alleys of Chicago, the original Board of Trade was little more than a "grain sidewalk sale" conducted out on the street curb. Those 82 merchants involved in the loosely-structured market system were each responsible for conducting their own business. But within a few years, they had begun to invest in storage facilities for holding their purchases.

A state charter was granted to

(Turn to Page C27)

Chicago Board of Trade representative Keith Moens, left, talked futures and hedging with grain producers at the York corn clinic.

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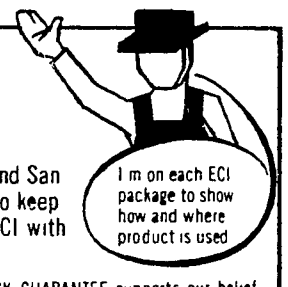

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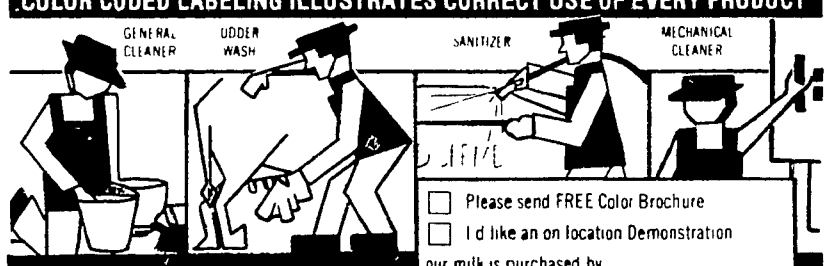

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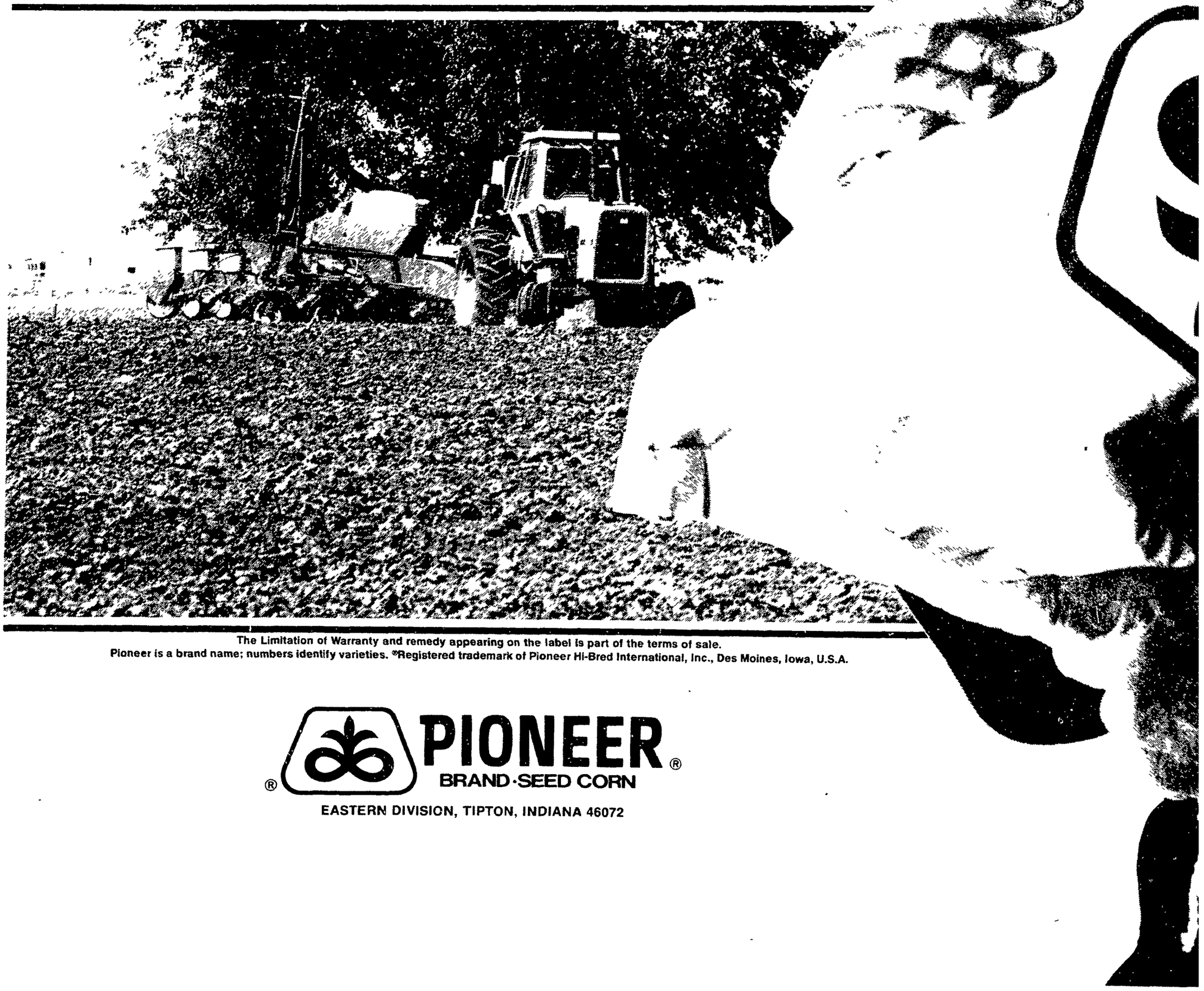

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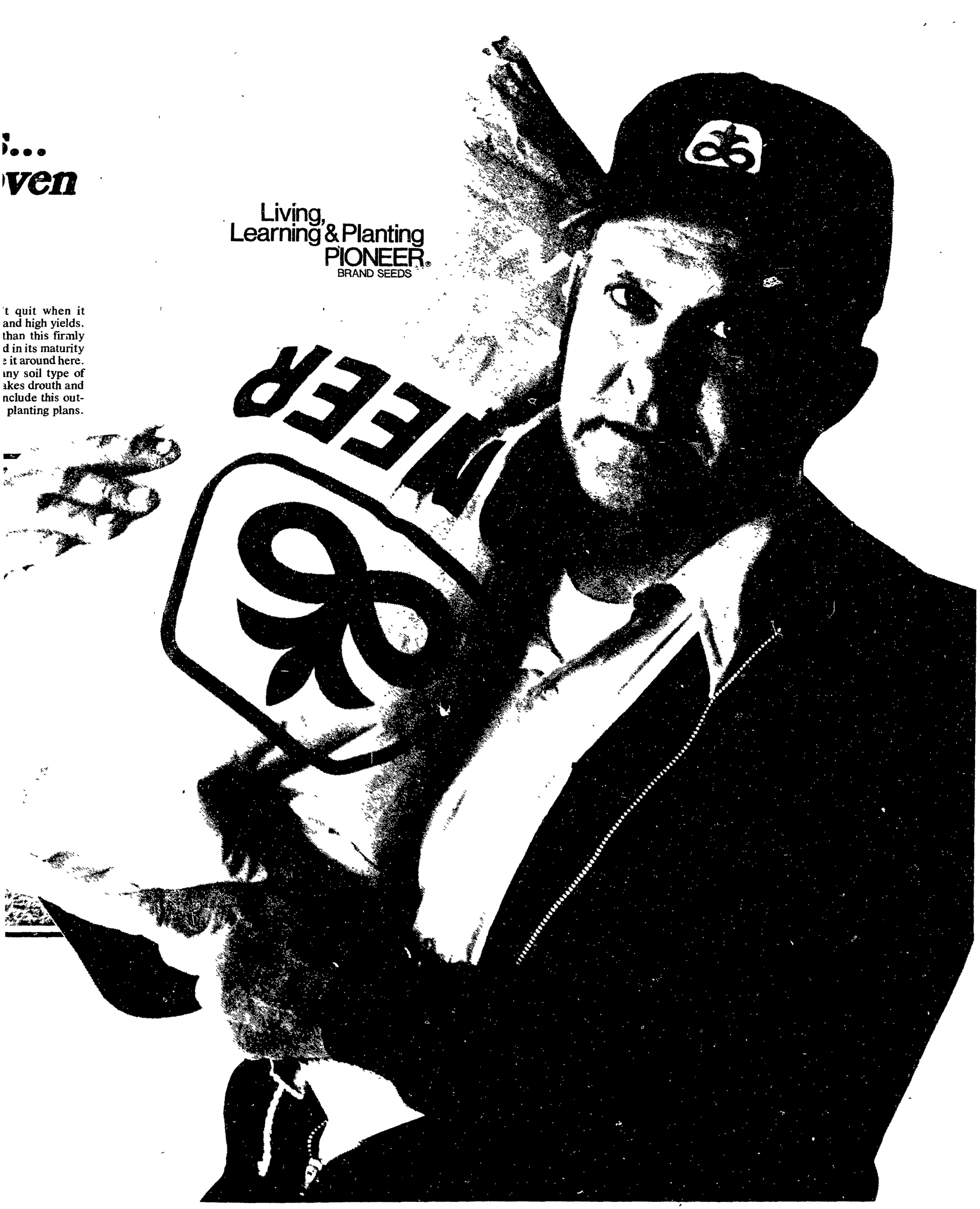

Farmland preservation to top Ag Department's priorities

HARRISBURG — State Agriculture Secretary Penrose Hallowell Friday told participants in the Agricultural Leadership Seminar that preservation of Pennsylvania's farmlands must become a priority issue for state and local governments in the 1980's.

Speaking to county and township officials, soil conservation district officers and agricultural leaders at the Marriott Inn in Swatara Township, Hallowell said, "National estimates are that 21 percent of Pennsylvania's agricultural lands could be taken out of farming by the year 2000 unless steps are taken now to insure farmers stay in farming

"Agriculture is essential to Pennsylvania, generating over $2 5 billion in farm receipts, and supporting a $20 billion a year agribusiness economy which employs more than 900,000 Pennsylvanians," he said. "Beyond that, our farmlands provide open space for recreation, a solid tax base and protection of environmental and natural resources"

The Agriculture Secretary told the Seminar that conflicts over use of land resource must be settled to balance the needs of farmer and non-farmer, industry and environment

"Nine out of ten land use decisions affect only the local community Local decisions on growth and farming can have a severe impact on our farm families and their lands.

"Urban sprawl has taken over some of Pennsylvania's best farmland," he said "Pressures on farmers from encroaching suburia are greatest in southcentral and southeastern regions of the state, where most our prime agricultural land is located."

The economic pressures, and regulations have put the farmer in a position where he might be better off by selling his land than by keeping it in farming.

Hallowell noted local decisions on land use, location of new housing and industry, and even nuisance laws can hurt the prospects for farmland preservation, if not carefully considered.

"Loss of our farmlands means a loss of farms, income and production. And that spells troubles in a way of changes in agrelated industry, our tax base, and in the availability of food at a reasonable price."

He told the seminar that the Thornburgh administration has taken "a giant step" in its legislative approach to farmland preservation, recognizing the importance of the farm family in farmland preservation efforts.

"We will continue to work for legislation which provides the tools for county and local governments to meet their needs. But those needs must be met by the people who are best able to make local decisions for the good of the community."

Hallowell said a survey conducted for the State Planning Board has shown significant public support for local and state farmland preservation efforts.

"Farmland preservation was one of top two priorities for community planning decisions," he said "Among environmental issues, farmland preservation received the top priority, with more than 75 percent of the public voicing support."

Even urban and suburban residents recognize the need to preserve farmlands. "Sixty-nine percent of those living in Philadelphia, Pittsburgh and their suburbs gave a top priority to farmland preservation, according to the survey.

"Farmers and non-farmers alike must get a better understanding of the farmland issue," he said. "We are all interdependent, and must recognize the tremendous importance of our family farms and farmland resources."

"Working together, we must take action to use the tools provided by the state on the local level. The preservation of our farmland resources is simply too important a question to be ignored."

Hallowell urged the agricultural leaders to return to their communities, access local needs, and generate public discussion.

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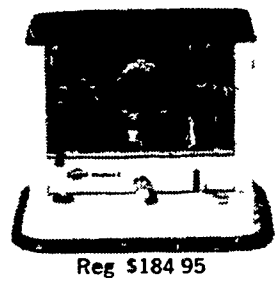

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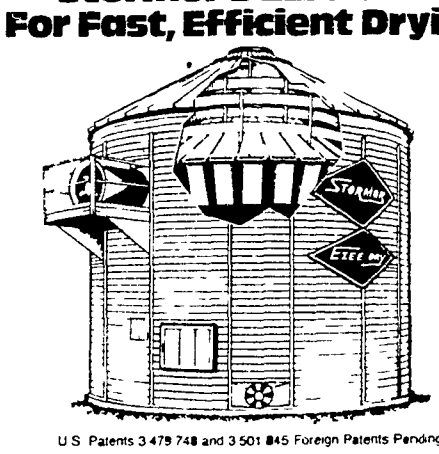

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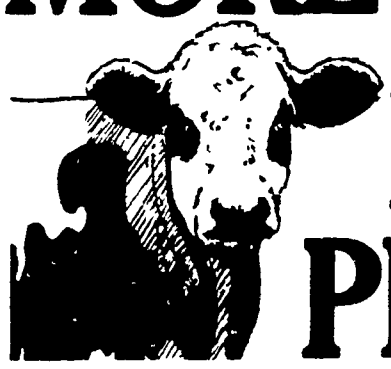

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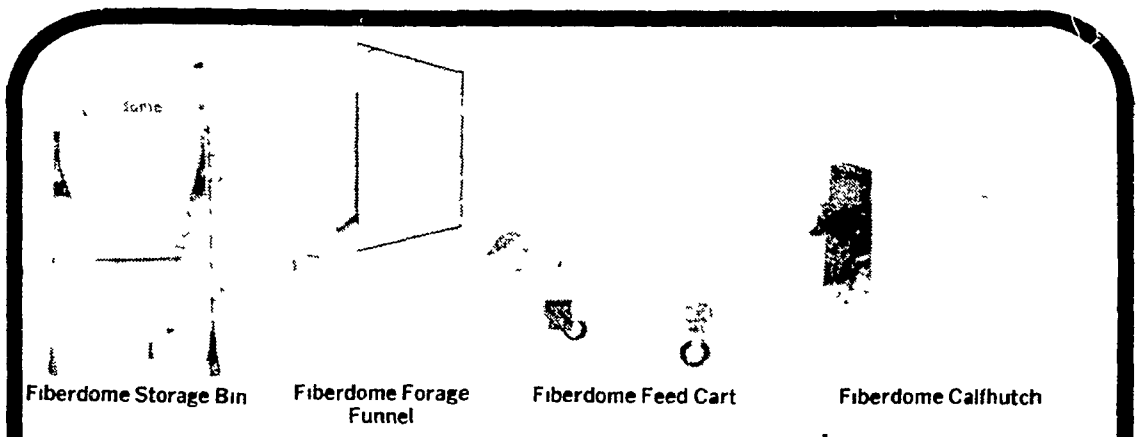

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Bring back an old apple tree with TLC

NEWARK, Del - Have an old apple tree that's not productive anymore? Or one that produces poor quality fruit that's not worth picking?

Instead of letting all that potential food go to waste, why not bring the tree back into production? Probably all it needs is a heavy pruning, says University of Delaware Extension Plant Pathologist Bob Mulrooney

This winter get out there with your pruning saw and clippers and give it a good shaping up, he advised. Remove suckers, diseased and broken limbs. Also remove branches that rub or that have small, weak, v-shaped crotches.

Most old trees need to have their size controlled, too. For ease of pruning, picking and spraying, an apple tree shouldn't be over 20 feet tall, says Mulrooney.

"You may have to remove several feet from the top," he said. "Get a good book on pruning fruit trees."

"What you're after is a strong central leader, if possible. Aim for a pyramidal shape rather than an umbrella shape.

"Apples are a heavy crop to support. You want branches that can bear the weight without breaking," Mulrooney added, to bring the tree back into production it needs to be fed. Have the soil treated and lime accordingly, he advised. A neglected tree will probably need about a pound of actual nitrogen applied in the early spring.

"Don't be disappointed if the first year you don't get on a bumper crop. Depending on the amount of pruning done, as well as other factors, the number of blooms may be small the first year of rejuvenation," he said.

"If by some chance you should get a heavy crop, thin it severely, to keep the tree from switching to biennial production. Yellow Delicious are especially prone to this problem if they aren't thinned out enough the first year after heavy pruning," Mulrooney added.

To ensure top-quality fruit, start a pesticide spray schedule before bud-break this spring and continue it throughout the season to protect the apples from insects and disease, he said.

Check with your county extension agent for a copy of the extension bulletin on "Sprays For Home Fruit Plantings," or write. MAIL ROOM, AGRICULTURAL HALL, UNIVERSITY OF DELAWARE, NEWARK, DE 19711.

"Don't waste your time trying to bring an old peach tree back into production, though," says Mulrooney. "It's probably borer infested and has a poor framework. But an old apple tree's worth working with."

NOTE: Except for apples it is best to delay pruning of fruit trees until March Pruning peaches and other stone fruits now may stimulate new growth, should a mid-winter thaw occur soon after cutting, and could result in winter damage.

Co-op hires new manager

BERWICK — The Berwick Vegetable Cooperative has hired a new manager.

Angelo M Venditti began work as the Co-op manager last Monday The hiring of Venditti was announced to the members by Earl T. Miller, Vice President of the Co-op Board of Directors.

Venditti comes to the Co-op with 17 years of managerial experience in the produce business in the Berwick area, Miller noted.

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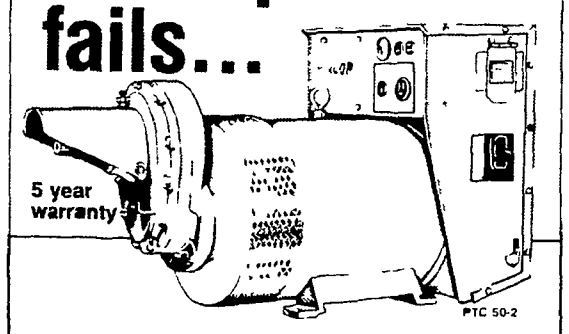

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McPherson tops York corn contest

YORK — In a year beset with drought, New Park R1 fruit and grain grower Paul McPherson topped other contenders for the top yield in the 1980 corn growing contest

He and other competitors were honored during York County's annual corn clinic, held last week at the York 4-H Center.

McPherson's five-acre test plot grew an average of 170.1 bushels per acre from Pioneer 3184 seed. That plot had the lowest estimated population of the county's two dozen contest entries, with an average of 14.4-inch spacing and 14,562 plants per acre.

Total available plant nutrients, from applied fertilizer and soil carryover, was an estimated 212 pounds nitrogen, 469 pounds phosphorus and 533 pounds potassium.

Second high yield was on the plot entered by Harold Miller, Jr., with a 165.7 bushel per acre yield of DeKalb XL23. Miller's was a narrow-row planting of 20,278 plants per acre, with 8.6 inches spacing and available fertilizer of 365 nitrogen, 479 phosphorus and 575 potassium.

Kevin Holtzinger, Windsor, took a close third place, with a yield of 164.3 bushels on a stand of 25,349 plants per acre. Nutrient levels were estimated at 83 pounds of nitrogen, 263 phosphorus and 48 pounds potassium. Holtzinger planted Pioneer 3382.

Other top-ten yield winners were: Hughes Manifold, Stewartstown, 159.4 bushels of P-A-G SX98; Donald Meckley, Brodbecks, 157.8 bushels of Doebler's 70XSS; Lester Luckenbaugh, Spring Grove, 155.6 of DeKalb XL71; John Marstellar, Sr., Stewartstown, 153.6 bushels of DeKalb XL55; Robert Ragland, Stewartstown, 147.0 bushels of DeKalb XL61; Druck Farms, York, 143.9 bushels of DeKalb XL72B; and Richard Townsend, 142.8 bushels of Pioneer 3184.

Blue ribbons for outstanding three-year yield averages were also presented to Hughes Manifold and Lester Luckenbaugh. Manifold averaged 158.3 bushels per acre on the past three years to testing, while Luckenbaugh averaged 151.7 on the program.-JB

Top York corn growers, from left, are, Paul McPherson, Harold Miller, Hughes Manifold, Donald Meckley, Richard Luckenbaugh, and John Marstellar.

Penn Stater's looking for experience on farms

UNIVERSITY PARK — Need some help on the farm this summer? Can't afford to hire part-time help for haying, combining, milking, and other chores?

Penn State students are looking for on-farm experience, according to Grant Sherritt, Associate Professor of Animal Science.

"We have an increasing number of students in our agriculture program who lack farm experience. Many of these students would be most appreciative of any opportunity to work on a farm in the summer with little regard to pay. In other words, experience is much more important than pay," he said.

Any farmer interested in "hiring" a Penn State student for the summer should contact Grant Sherritt at Penn State by writing: 324 Animal Industries Buildings, University Park, PA 16802, telephone 814/865-1362.

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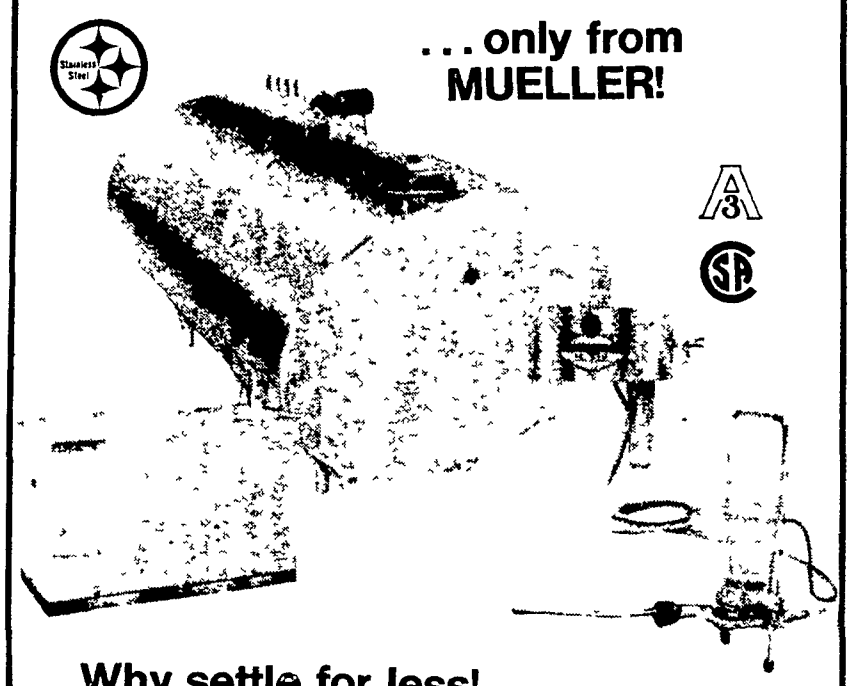

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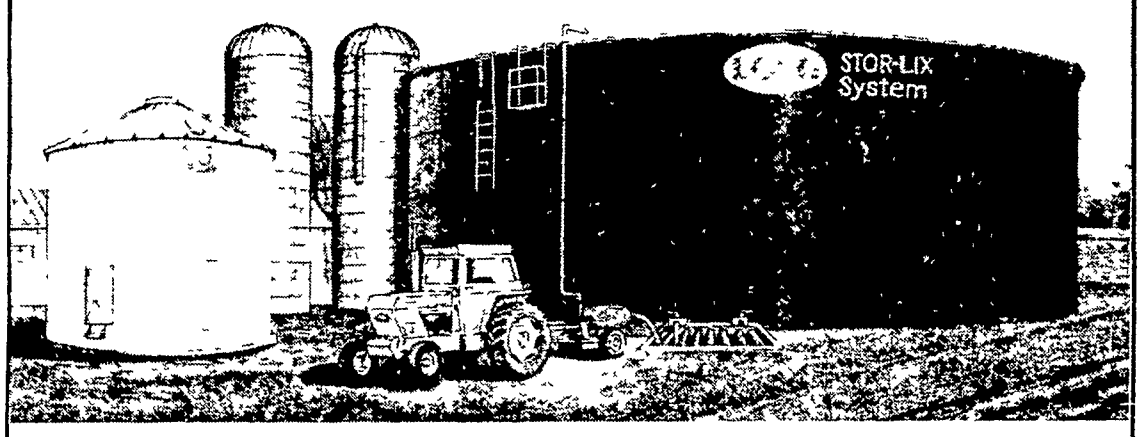

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(Continued from Page C24)

the Board in 1859, as a non-profit, self-regulated association run by the membership of just over 1400. But the integrity of the marketing group was well-recognized and the Board was asked to develop quantity and quality standards that would be upheld by inspectin procedures. Their standard bushel measurement is still in use today.

When the Illinois-Michigan canal opened for shipping, grain soon developed as a big business, since Eastern markets were more readily accessible. Chicago rapidly took the lead as the major American grain trading center and 'river" merchants constructed storage facilites on the waterfronts.

Buying grain at harvest and holding it for some future hoped-for sale was quite a risk and the middleman merchants began experimenting with arrangements for buyers to take delivery at a later date. Today, this "forward contracting"L is an integral part of the grain marketing industry.

That first forward contract, according to Moens, was arranged in 1851, on 3000 bushels of grain, to be sold for a cent per bushel under the future March price. Now that merchants could guarantee sales for their stored grain, lenders more willingly extended credit for operating and expansion.

Forward contracting, however, was not without its occasional problems. Moens says that stories abound of contract defaults and of sellers who resorted to delivering their congraded grains with a shotgun for a reminder.

Since shotgun marketing was not only illegal, but dangerous as well, marketers began demanding "performance bonds" by both the buyer and seller. Soon speculators arrived on the grain market scene, buying up contracts, selling, then buying and reselling again, until the original seller lost track of where he was to ultimately deliver the goods.

So in 1925, the Clearing Corporation was formed, to hold the performance bonds an keep detailed records of all states. With a current membership of 144 firms, the Clearing Corporation still performs that service, charting the intricate trading among hundreds of buyers and sellers. To the credit of the founders, the market clearinghouse has never once defaulted on a futures payment.

Following his background presentation on the Board of Trade, Moens briefed the corn growers on some basic principles of the futures markets and hedging grain sales. Included were explanations of some of the intricate market terminology and a bit of classroom-type problems of hedging, using printed material and charts.—JB

Mastitis council to study stray voltage

LOUISVILLE, KY — Dairy farmers and others in the dairy industry will learn how stray voltage in milking centers adversely affect the performance of cows and what they can do about it at the annual meeting of the National Mastitis Council in Louisville, Ky., February 16 through 18.

Site of the meeting is the Executive Inn, Watterson Expressway

Specific subjects will include, symptoms to watch for in cows, economic losses, diagnosis and corrective measures, voltage tolerance levels, and proper installation of equipment. A model of a farm electrical distribution system will be used to pinpoint trouble areas and way to eliminate them

Members of the organization will also be brought up to date on genetic resistance and priorities in mastitis research. Veterinarians will have a special program devoted to immunity, mycoplasma, teat barrier and therapy, while dairy fieldman, sanitarians and extension personnel will be concerned about somatic cell count use, state council function on the farm, and managing problem herds.

The National Mastitis Council is a nonprofit organization dedicated to the betterment of udder health of the nation's dairy cattle. Members who represent all segments of the dairy industry work together in presenting timely information at the annual meeting and at a summer session held each year. Educational materials prepared by the organization serve to make the latest accepted information available to those who need it most, dairymen

For additional information about the council and the annual meeting and program, contact John Adams, National Mastitis Council, 30 F Street N.W., Washington, D.C. 20001 or (202/393-6607).

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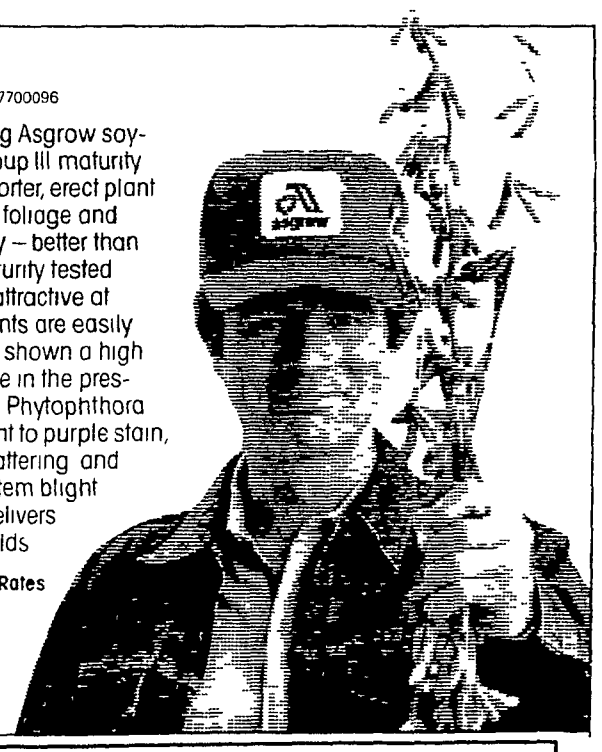

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Note: see P.S.U. Agronomy bulletin 63 for more detail

1980 QUOTES:

WALTER WAGONER, EASTON PA - "We had 100 acres of Asgrow A3127 - averaged 34 bu/acre - well above average yield for soybean in our area "

BILL BACHENBERG, PITTSTOWN NJ - "Asgrow A3127 - topped my plot under extremely dry conditions - had 3 5 bu more than Williams "

CHARLES TROUT, YORK COUNTY PA - "In my own drilled bean plots Asgrow A3127 yielded 46.1 bu/acre - Williams 43 8 bu/a and Woodworth 42.5 bu/a "

Special Note Dr Roy Flannery of Rutgers University, New Jersey in a soybean yield study compared Asgrow A3127 and ELF in a test of variety, plant population, irrigation, macronutrients & Micronutrients on soybean yields

RESULTS - Asgrow A3127 had a 94 bushel yield under irrigation Also Asgrow A3127 exceeded 80 bushels to acre in 15 treatments while Elf exceeded 80 bushels an acre on 7 treatments

Note See 1980 results from Rutgers University, New Brunswick, NJ

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Governor signs Young Farmers proclamation

HARRISBURG — Governor Dick Thornburgh took time from his schedule to meet with the Executive Committee of the Pennsylvania Young Farmers Association recently to sign a proclamation denoting February 8 to 14, 1981 as Pennsylvania Young Farmers Week in the Commonwealth.

Recognizing the necessity of a strong agricultural economy to both producers and consumers in the state and the need for capable and knowledgable leadership, Governor Thornburgh recognized ". the important role of this organization and it embers in the future of agriculture in the Keystone State and the growth of our economy "

Governor Thornburgh voiced his pride in Pennsylvania's role as an agricultural leader" and its rural population, the largest in the nation

Pointing toward the participation of individual communities in this statewide organization, the proclamation says, "The PYFA was organized through the Vocational Agricultural Programs in public schools to provide continued educational opportunities for young farm families and agriculturists "

The week of February 8 to 14 was chosen to coincide with PYFA's State Convention and Annual Meeting to be held this year in Hershey, February 9 and 10

The Governor signs Young Farmer Week Proclamation. Front row, Robert G. Scanlon, Secretary, Pennsylvania Department of Education; Governor Thornburgh, Caleb Williams, Pennsylvania Young Farmer President. From left standing, James Fink, PYFA State Advisor; Stanley Wolf, 1981 National Young Farmer Educational Institute Chairman; Jay Grove, Region IV Vice-President; Robert Kreger, Region VII Vice-President; Earl Stauffer, President-elect; Terry Martin, Co-editor; Henry Sanders, Secretary; Dale Rossman, Region III, Vice-President; Donald Mooney, Co-editor, George Musser, Treasurer (front); Phillip Gorda, Region I, Vice-President; Tom Zartman, Region II, Vice-President.

Shorthorns average $2374 at nat'l sale

DENVER, Colo. — A standing room only crowd gathered for the National Shorthorn Sale held during the National Western Livestock Show in Denver, Co Demand was strong on the female lots while commercial support was conservative due to numerous environmental and economic conditions facing the cattle industry.

Spruce Hill Image x, the recent grand champion bull from the North American International Livestock Exposition, Louisville, Ky., was consigned by Joseph Galbraith & Sons and Debbie Gilbraith of Atkinson, Ill The white, September '79 son of Cromellar Image Seal x, was also the reserve grand champion bull at the 1980 American Royal in Kansas City and was the calf champion bull in the National Shorthorn Show at the National Western Two-thirds interest went on a final bid from Arrowhead Farm, Richard Prentice and E J Wenning, Fulton, Mo for $9700.

The second high selling bull came from Alden Farms, George Alden & Sons, Hamilton, Mo AF Dividend's Robin 2nd, a roan, January '80 son of Deerpark Leader 13th, had been the calf champion bull at the 1980 Illinois and Missouri State Fairs and was the reserve calf champion bull at the National Western. He sold to new owners, Walter J. Hoyt & Sons, Burns, Or., and Damar Farms, Inc, Marvin & Randy Repp, St. John, Wa. for $6000

From Sutherland Farms, Mrs. G.P Brown Albrecht, owner, it was Sutherland Lady Gallant 651 x, a roan, March '79 daughter of Seven T's American x, who topped the sale She sold as bred to Lazy D Irish Jack, the national champion bull with rebreeding privileges to the $48,000 Highfield Rathcannon. The purchaser at $4000 was Jim and Alene McCollum, Redding, Ca

The 37 lots sold for a total of $87,850, averaging $2,374. The bulls, which numbered 28 lots, sold for an average of $2417 while the nine females averaged $2242.

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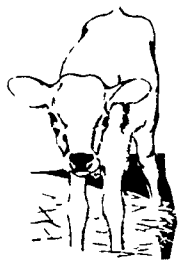

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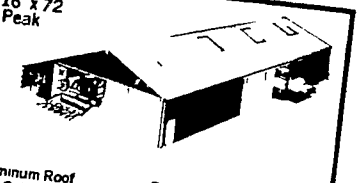
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Plant food society honors man of year

YORK — Harold I. Jones, of York, supervisor of customer sales and service for the J E Baker Company, has been named 1980 "Man of the Year" by the Pennsylvania Plant Food and Protectant Educational Society

Jones received the award, a plaque, at the society's recent annual meeting on The Pennsylvania State University's main campus as part of the Lime, Fertilizer and Pesticide Conference.

According to W Wayne Hinish, Penn State assistant dean for the Extension Service and awards committee chairman, Jones was cited for his contributions to the state's plant food industry

In 1952, the Man of the Year started his career with the J E Baker Company as superintendent of the organization's cherry, peach, and apple orchards Ten years later he joined the Ag Lime Division which later became the Rock Products Division of the company

Jones developed Grandol products for sale to the fertilizer industry He helped expand the company's sales of Grandol and Ag Dolomite and other agricultural products throughout the East.

Two years ago, the award winner was promoted to supervisor of direct sales and customer service

Jones has been active in numerous professional organizations including the Empire State Fertility Association, New York Lime Association, Fertilizer Roundtable, Maryland-Delaware Plant Food Society, Plant Food Educational Society of New Jersey, and Pennsylvania Plant Food and Protectant Educational Society.

He received a bachelor of science degree from Penn State and master of science degree from North Carolina State University During World War II, he served as an officer in the U.S Marine Corps

Harold I. Jones, left, supervisor of customer sales and service for the J.E. Baker Company, York, receives "Man of the Year" Award from W. Wayne Hinish, assistant dean for the extension.

Members of the board of directors of the Pennsylvania Plant Food and Protectant Educational Society for 1981, elected at the organization's recent annual meeting as part of the Lime, Fertilizer and Pesticide Conference held on Penn State's main campus, are from left George Holton, of Jacobus, a representative of the Mobay Chemical Company; Donald Young, of Whitehall, of the Amex Chemical Corporation, and Dr. Les Lanyon, assistant professor of soil fertility at Penn State

Officers of the Pennsylvania Plant Food and Protectant Educational Society for 1981, elected at the society's annual meeting during the Lime, Fertilizer and Pesticide Conference held on The Pennsylvania State University's main campus, are from left: Dean E. Nelson, of 113 Laurel Drive, Fayetteville, and representative of the Stauffer Chemical Company, president; Robert C Tetrault, Penn State Extension entomologist, vice president; Robert J. Thomas, manager of the Penn State Forage and Soil Testing Laboratory, secretary-treasurer; and Lynn D Hoffman, superintendent of the Penn State Agronomy Farm, immediate past president

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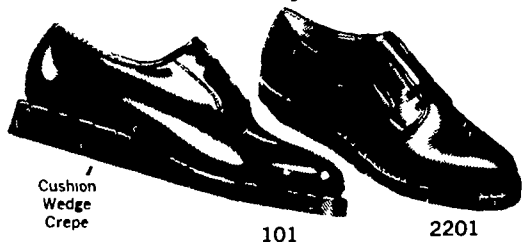

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Sows on wire: Research points to lower mortality, faster weight gain

ST. LOUIS, Mo. — Although most aspects of pork production have been vastly improved over the past decade, the farrowing phase has been a glaring exception. According to USDA figures, the number of pigs weaned per litter has actually declined, to 7 09 in 1979 from a peak of 7 3 between 1966-70

Much of the decline can be attributed to death loss in the farrowing quarters. In fact, American hog farms have fared poorly in comparison with other countries when it comes to mortality rate While death loss in the U S farrowing facilities is averaging approximately 20.7 percent, the figure for Australian producers is just 14.3 percent, while Canadian hog farms are in between the two at 17.7 percent death loss.

But, according to one swine authority, hog producers can take several relatively inexpensive steps in the farrowing room to reduce death loss and give young pigs a faster start.

Most hog producers will agree the farrowing phase is one of the most important points in a young pig's life," says Ray Washam, manager of swine research at Ralston Purina Company. "Since the pig at birth and again at about 3 weeks of age is at its low point in terms of immunity, and is entering a high point in terms of development, any improvement made during the farrowing or nursery period can have a most positive effect."

Washam points to research conducted recently by Ralston Purina which indicates the use of elevated farrowing crates can reduce farrowing room mortality by upwards of 25 percent.

Much of the death loss among baby pigs can be linked to scours," he says. "Most scouring problems develop when newborn pigs are lying on cold damp farrowing and nursery room floors "

Over the past two years, research was done comparing elevated crates with wire flooring against conventional crates with either wood, concrete or metal slatted floors.

"In on-farm tests involving more than 17,000 farrowings with 3-week weaning, partial slat facilities had a pig mortality of 17 percent versus 12 9 percent in total elevated wire floor facilities. That's a 24 1 percent reduction in death loss, and 38 more pigs weaned per litter," he points out

Washam said he expected the marked improvement because the principles of elevated crates are similar to those of cage nurseries, a concept Purina has been researching since the 1960's.

"Whenever you can separate a baby pig from its body waste, you've taken a giant step towards disease prevention," he states. "The use of woven wire in both farrowing crates and nursery cages keeps the area drier and warmer and makes it less receptive to disease-carrying bacteria " Drier footing also means better traction, less spraddle legs and fewer joint infections, he adds.

Since 3-week old baby pigs have few disease-fighting antibodies and little subcutaneous fat, Washam said he belives the cage nursery environment helps the pigs through this critical stage of growth

To prove his point, Washam points to research conducted at Purina's Research Farm at Gray Summit, Mo , which showed that the use of cage nurseries can reduce baby pig mortality to 1 25 percent or less, and get pigs up to 50 lbs body weight at nine weeks of age

"Conventionally raised pigs experienced an average daily gain of 0 67 pounds," he reports. "This fell far short of the 0.82 pound average daily gain standard for the caged nursery pig." Weight per day of age comparisons produced a similar edge for the caged pig: 0.79 pounds versus 0.63 pounds for the conventional pig.

Sixteen comparative feeding experiments also revealed a feed conversion advantage for the caged pig, Washam says.

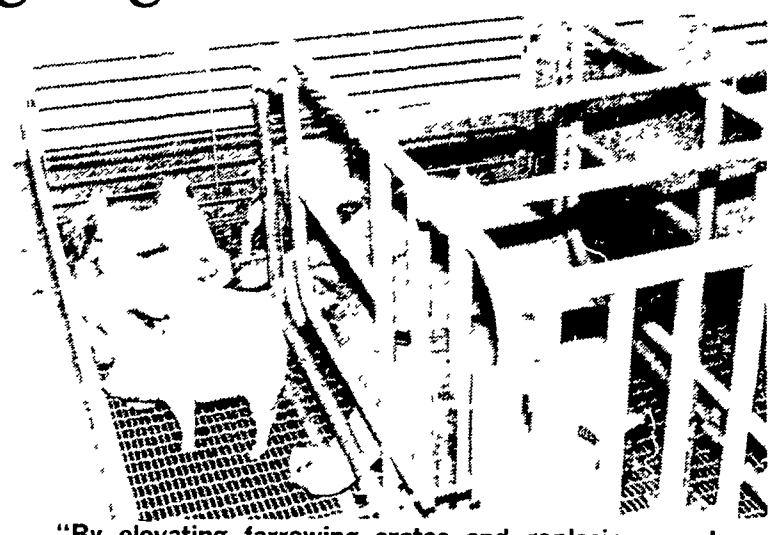
"We put a total of 1472 pigs in cage and conventional nurseries, on identical feeding programs from 14 3 lbs. average weight until they reach 26 lbs.," he recalls. "Our records showed that the pig in the standard cage nursery converted every 1 65 lbs of feed into a pound of gain, as compared with a 1.82 ratio for the pig in the conventional nursery

"One of the most startling results we found with the use of cage nurseries," continues Washam, "was that baby pigs were much cleaner and less stressed than pigs raised in a conventional nursery, even if the cages were stacked two or three high. The wire flooring is a major contribution factor."

The swine research manager contends wire flooring in the farrowing crate is beneficial to the sow as well

"Outside of the fact that better footing will result in less baby pigs being crushed by falling sows, woven wire floors provide a smoother air flow, which means the sow can be kept more comfortable with less ventilation," he states

Although Purdue University has not conducted any tests comparing the pig benefits of elevated crates,



"By elevating farrowing crates and replacing wood or concrete floors with woven wire, producers can keep their baby pigs warmer, drier and separated from their body wastes," says Purina's Ray Washam.

their Hobart W. Jones has found the raised crates to be real labor savers.

"By raising the crates in our farrowing houses 18-20 inches above floor level, we've found it much easier to flush or scrape out waste material," he says, adding that Purdue has been utilizing elevated crates in their facilities for more than 15 years.

Jones said he feels elevated crates give the producer considering remodeling more flexibility in design and cost analysis.

"Rather than going to the expense of ripping up floors to install a pit in converted buildings, it's much easier and less expensive to raise the crates and flush or scrape the wastes to one end," he says.

Jones notes many producers have found this method to be quite successful.

"Producers who are on exceptionally flat poorly drained ground or who wish to have immediate access to their waste for fertilizer purposes, have installed a holding pit under the crates," he says. "If you don't mind the odor, it's a concept worth considering."

The Purdue elevated crates use a combination of wooden planks and wire mesh flooring. Crates are approximately 6½ feet long, with one foot in the front and 2½ ft. behind the sow covered with woven wire.

The remainder of the flooring consists of wood planks, running perpendicular to the wire across 3 to 4 crates. Both sections of wire flooring within the crate are welded onto wire frames

"Wire in front and back allows both body and feed wastes to fall away from the crates," says Jones. "The wood is beneficial from a cost standpoint, and allows us to concentrate supplemental heat on a specific area because of its heat retentive qualities."

In terms of durability, Jones

(Turn to Page C34)

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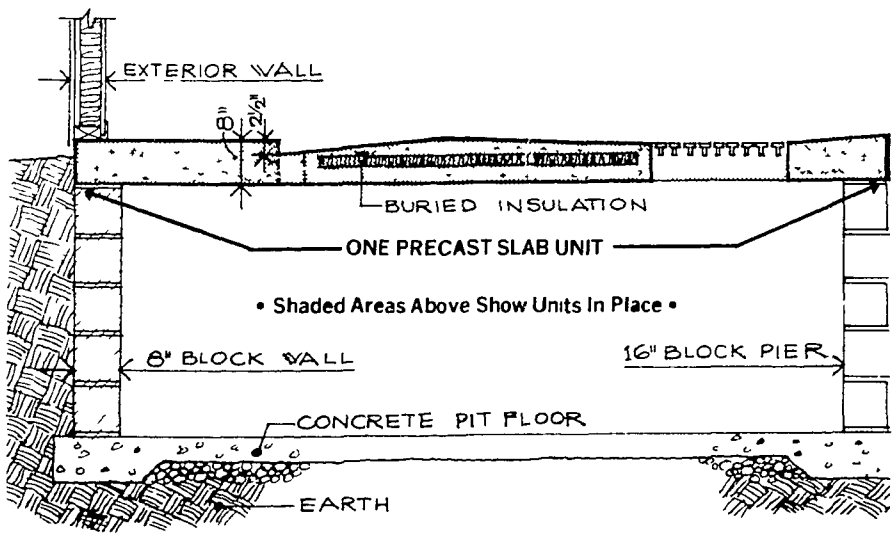

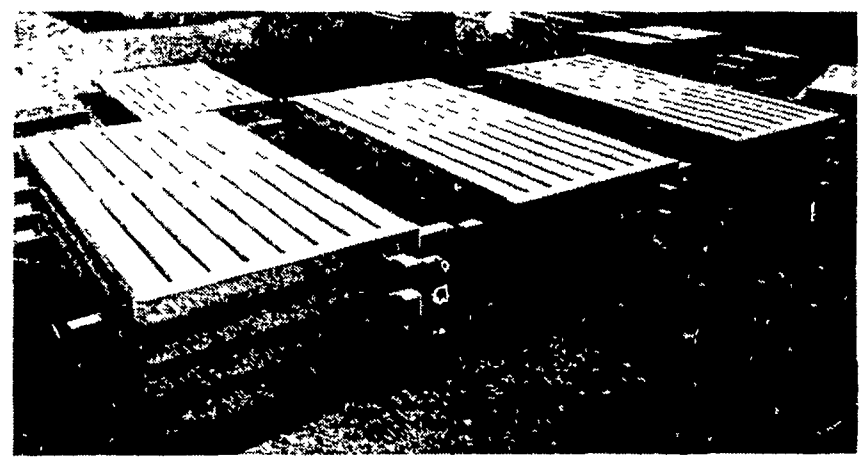

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York Co. 4-H beef banquet

Sprenkle named Citation Award winner

BY JOYCE BUPP
Staff Correspondent

HANOVER — A long-time supporter of the agriculture community and rural youth programs was honored last Saturday by the York County 4-H Beef Club.

William H. Sprenkle, president and manager of Spangler and Sprenkle, Inc., was named the 1981 Citation Award winner by the 4-H beef leaders and members at the annual awards banquet, held at the Grangerville Fire Hall

"Bill has been a tremendous asset to the agriculture community of York County, and someone we can all look up to," said Tony Dobrosky, extension livestock specialist and 4-H beef leader "He's been progressive in the improvement of our agriculture and is a strong promoter of our products to the consuming public He is a constant promoter for better agriculture practices for farmers, sponsors educational meetings and donates many awards to the adult programs as well as the youth programs in agriculture "

This is Sprenkle's 50th year with the West York feed and grain firm, where he began working as a feed salesman. One of the area's largest livestock feeding firms, Spangler and Sprenkle originally began as a coal business in the 1920's, later branching out into feeds as coal heating popularity waned

In 1957, Sprenkle went into partnership with owner Irvin Spangler A devastating fire in 1965 leveled the old mill and buildings In the aftermath of the flames, Irvin Spangler retired and Bill Sprenkle took over total managemenet of the rebuilt and modernized office and warehouses, located at South Seward Street and the Western Maryland Railroad Sprenkle and his wife, Lucile, have one son, William Jr , who's also associated with the feed and grain firm

For many years, Spangler and Sprenkle has been one of the largest buyers of steers at both the York-Adams beef roundup and the state Farm Show sale Over twenty years ago, the firm formulated a special ration for 4-H steers being exhibited at area shows and roundups.

A supporter from the beginning of the York Fair's 4-H petting zoo, Spangler and Sprenkle donates all of the zoo's feed ration needs for the duration of the nine-day exhibit.

Sprenkle is also treasurer of York Aire Cooling and Heating Sales Company of York. He's past president of Penn-Ag Industries and currently heads up Penn-Ag's Insurance Trust Board Actively involved in numerous civic and agriculture organizations, Sprenkle is chairman of the advisory board of the industrial office of Southern Pennsylvania Bank, a former president of the West York Exchange Club and a life member of St Paul United Church of Christ

During the awards presentation part of the program, tropies went to several beef club members for outstanding accomplishments in showmanship, judging and project activities

LeRoy Bowles of Red Lion was presented with a desk lamp set and a $500 savings bond as top winner in the Keystone Livestock Exposition's Stockmen's judging contest Second place went to Lisa Dobrosky, Glen Rock, who won a $250 savings bond and Kenny Sunday, York, placed third

The Stockmen competition includes a total of 15 various classes of competition, including livestock exhibiting and judging, and meats, feed and equipment identification York County participants claimed eight of the top ten places in the competition, which included over 350 entrants from six states Bowles also earned an impressive trophy as Champion Showman at the York Fair

Chris Shive, Seven Valleys, was honored as the champion fitter in the junior division and Bill Wise claimed the senior fitting trophy. A trophy for the highest priced selling commercial steer went to young member John Housner

Jennifer Druck, York R2, earned recognition for the highest rate of gain on her project steer Jenny's Simmental averaged a gain of 3 225 pounds per day Average for the county, figured over a 200-day feeding period, was 2 128 pounds daily

Other top rate-of-gain winners were Wayne Stough, Jr., Simmental, with a 3 1 gain; David Detter, Charolais-Hereford, 2.95 pounds, John Eaton, Jr , Hereford-Angus, 2.575 pounds; Andy Bealing, Hereford, 2 45 pounds; Joe Druck, Hereford, 2 425 pounds; Lisa Gross, Simmental cross, 2 4 pounds; Kristi Kohr, Chianina cross, 2 375; Brenda Walter, Hereford-Angus, 2 32, and Deb Hoffman, Angus, 2 3 pounds

A roll call award went to Emily Livingston, Dover, for her outstanding presentations are regular club meetings and project management Others honored for roll call participation were Brenda Walter, Tammy Eisenhour, Robert Livingston, and Bill Wise

For the first time, recognition was also given to "rookie" roll call, eligible for members 11 and under. Winner was Cathy Shive, Seven Valleys Joann Rishel and Jenni Druck were chosen runners-up.

Also featured on the program was a salute to this year's graduates of the beef club, Chris Sunday, Emily Livingston, LeRoy Bowles, Brenda Werner and Brenda Walter

Entertainment for the evening included a presentation on the Bowen-McLaughlin York's beef promotion program for employees and an educational demonstration on hypnotic power by West York High School teacher Robert Bowers

York 4-H baby beef members honored William Sprenkle as their 1981 Citation Award winner. Making the presentation, from left, are extension agent Tony Dobrosky, 1980 beef club president Brenda Walter, Mr. and Mrs. William Sprenkle, and 1981 beef club president Bill Wise.

Top three honors in the Keystock Livestock Exposition Stockmen's contest went to Lisa Dobrosky, Leroy Bowles and Kenny Sunday.

Tillage choice can mean profit or loss

HARRISBURG — Conservation tillage may be the difference between profit and loss for Pennsylvania farmers if the drought continues, reports Graham T Munkittrick, State Conservationist for the USDA Soil Conservation Service

Drought makes every drop of water important to the farmer, he says Conservation tillage is an easy way to get more water to soak into the ground

"Rainfall that soaks into the soil adds to ground water and is available for crop production or to replenish wells and spring Water runoff is lost to the farmer unless, through irrigation, it is pumped back to the land," he states

Lebanon County farmer George Wolff, Myerstown, uses a chisel plow in combination with contour stripcropping and terraces.

Wolff reports the ridges on the contour made by the chisel plow effectively allow the water to soak into the soil.

"I have checked after a hard rain and find that runoff from the strip, not chiseled completely, soaks into the ground by the time it reaches the second ridge of the chiseled strip I believe the combination of the chisel ridge and the opening of the soil permits more rainfall to infiltrate the soil than any other method of tillage. In the winter, the ridges trap snow which improves soil moisture conditions "

Wolf is among the strong supporters of chisel plowing, while other farmers voice support for no-till, another form of conservation tillage

Jack Clark, who farms rolling land in Northumberland County near the Montour County line, and also works for SCS in Sunbury, reports a yield of 125 bushel per acre for no-till corn planted in a four-year-old sod Corn on the same farm where the soil was turned over by conventional plowing produced only 40 bushel per acre last year.

Clark adds another county farmer had yields of 90 bushel for no-till and 60 bushels for regular plowing on less sloping land

"Local conditions will dictate whether no-till or chisel plowing is the better," Munkittrik observes. "The fact that is both are effective conservation tillage practices that reduce rainfall runoff and soil erosion when compared to conventional moldboard plowing."

Farmers desiring more information on the merits of no-till farming or chisel plowing should contact their local conservation district or SCS office

Ag day plans set for 1981

WASHINGTON, D C. — "Agriculture. It's Your Hearbeat, America!"

This is the theme for the nationwide observance of "Agriculture Day" scheduled for Thursday, March 19, 1981. Volunteers from all part of the country will join together in a coordinated effort to tell the story of what agriculture - the nation's biggest and most important industry – means to America.

Agriculture is the heartbeat of our nation's economy – it's a story of which every American can and should be proud," commented Agriculture Day Foundation President Robert Lanphier.

"that's why we feel every citizen – from both farm and non-farm backgrounds – should take part in the Ag Day Program "

Staffing and administrative coordination for the project will be provided by the Agriculture Council of America as part of its overall program to communicate what modern agriculture means to America. Ag Day is supported by a broad range of companies, organizations and individuals throughout the United States

The centerpiece of the obervance will be nationally coordinated communications program emphasizing the "Heartbeat" theme to package creative messages in a form that anyone, anywhere can use to communicate the facts about agriculture effectively The "Heartbeat" message is depicted visually by an electrocardiogram with a mirror farm image.

Lanphier noted the Ag Day project should receive a big boost from the passage of House Joint Resolution 560 which would officially proclaim March 19, 1981 as the first "National Agriculture Day." The resolution has not passed the U.S. House of Representatives, and it's expected to pass the Senate and be signed by President Carter this fall

"Agriculture is the cornerstone of the U.S economy. It needs, and based on its performance has a right to expect, the full support and understanding of the American people," continued Lanphier "It's essential that the American public understand that their economic future is tied directly to the health of our agricultural system "

In addition to Lanphier, officers of the Agriculture Day Foundation are: Treasurer – John Davies, International Harvester, Chicago, ILL ; and Secretary – Connie Townsend, American National CowBells, White Sulphur Springs, Mont Other Board members include Gene Atkins, Catalytic Generators, Inc , Norfolk, Va.; Dave Bennett, Miller Publishing Company, Minneapolis, Minn ; C W Blodgett, Hunt-Wesson Foods, Fullerton, Calif , Rod Brannen, Ad/Creaton DeKalb Ag Research, DeKalb, Ill.; Kent Christensen, Food Marketing Institute, Washington, D.C ; Roger Coleman, National Food Processors Association, Washington, D C , Noah Perry, West Virginia Department of Agriculture, Charleston, W. Va ; and Don Tindall, Southern States Cooperative, Inc., Richmond, Va.

Lanphier said Jim Eskin, ACA's director of Communications, would serve as Ag Day Staff Coordinator

Agriculture Day was begun in 1973 as a nationwide project to recognize and salute agriculture's contributions to the U.S. economy. Grassroots activities are spearheaded by the National Agri-Marketing Association's 16 regional and 14 student chapters.

Anyone interested in finding out how they can get involved in Ag Day '81, should write: Agriculture Day Foundation, Box 23421, Washington, DC 20024.

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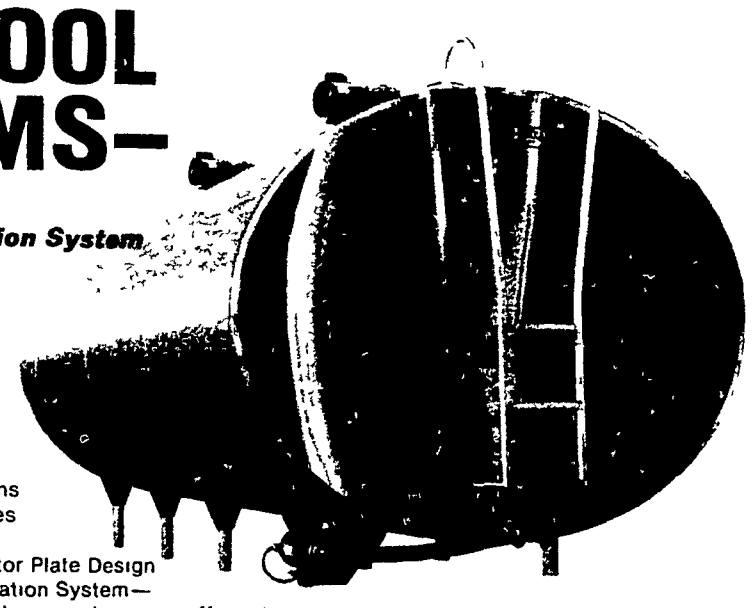

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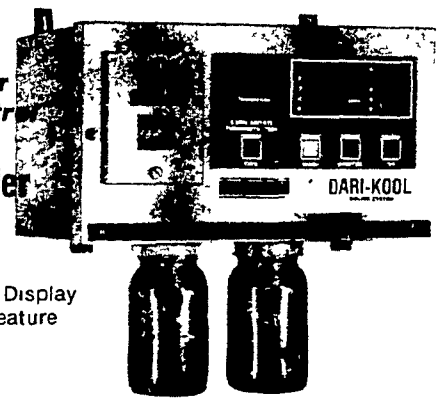

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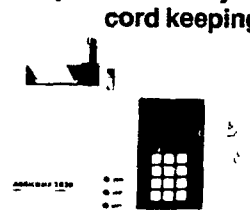

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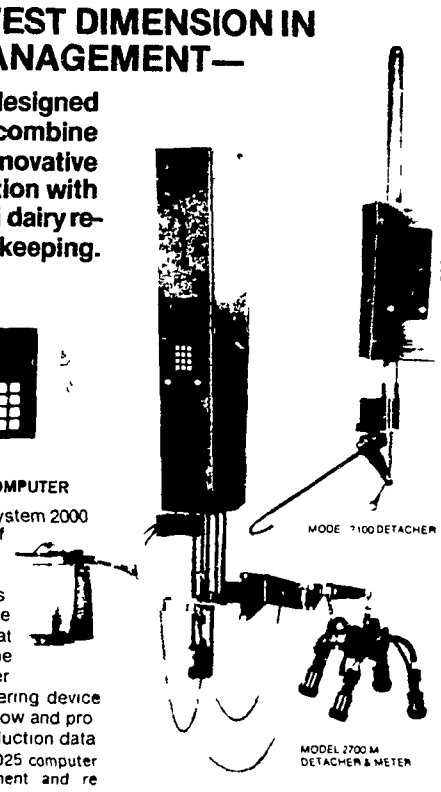

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Swine producers

(Continued from Page C31)

notes that the front board usually needs to be replaced every 12-18 months due to sows gnawing and pawing at it.

"Woven wire, on the other hand, has a long lifetime," he says.

Purina's Washam notes that durability is only one reason he recommends woven wire for the entire crate.

"When we began construction of a new facility at our research farm in 1979, we installed wire flooring in all 40 of the new crates. Ten were raised 12 inches above floor level, while 30 were placed at floor level," he says. In both cases, the crates were placed over flush pits. Existing crates had solid concrete floors.

Although death loss in the farrowing rooms with solid concrete was, at 11.4 percent, almost half the industry average, Washam observes that the woven wire crates did even better

"We were able to reduce pig mortality to 8 3 percent on the raised wire," he reports. "We were also able to increase the 21-day pig weight by 1 2 lbs per head to 11.5 lbs. That's a 10 5 lb per litter weight increase over a three week period "

In testing raised wire crates against concrete, metal and wooden slatted floors, Purina also pinpointed other advantages for the sows on wire program versus conventional, including .73 more pigs/litter, 1.3 lbs. higher pig weight at weaning, and 19.0 lbs. greater litter weight at weaning.

Washam further explains while baby pigs farrowed on stainless steel slats performed better than pigs raised on concrete, they still do not do well as pigs farrowed on raised wire.

"The stainless slats brought about a 16 5 percent reduction in baby pig mortality. But, raised woven wire did better than twice as well, producing a 35.5 percent reduction," he says. "Metal slats also helped improve 21-day pig weight by 1.1 lbs. per head "

Pigs farrowed on raised wire averaged an additional 1.6 pounds per head over pigs farrowed on concrete, he adds. And, the need for scours treatment was decreased by 50 percent when hogs were farrowed on raised woven wire, as compared with concrete.

Purdue's finding that elevated units reduced the amount of time required to clean crates was similary confirmed by Washam's research, which indicated it took 33 percent less time overall.

"Although metal slatted floors are somewhat easier to clean than concrete (17 percent according to the research), the one third reduction is quite significant, particularly for larger operations on a continuous farrowing program," he says

The improved environment, coupled with a good nutritional program, helps speed up birth to market time and quicken herd turnover, Washam contends. He recommends starting baby pigs off on a highly palatable creep ration fed on a clean solid area for the first 4-5 days, then placed in a creep feeder.

By breaking down the added weight gain into extra pork per crate, Washam says he figures the investment necessary to initiate a sow's-on-wire program can be recouped in a relatively short amount of time.

"Figuring in higher weight gains and reduced mortality realized through elevated crates, producers can achieve 19 extra pounds of pork per litter," he claims.

Multiplying the extra pork per litter times the 12 litters which can be run through the crate within a year, the Purina researcher estimates an additional 228 pounds of pork per crate per year.

"If you figure those pigs could sell as feeders for about 90 cents per pound," he adds, "the value of the additional pork per crate per year is $205.20."

Since existing crates can normally be adapted to the new program, the major costs involved include construction of flooring and the raised platform.

"We've found that the average cost of the platform is approximately $100, while the wire will run about $125," says Washam. He stresses however, that the $225.00 cost per crate could be slightly more or less depending upon the quality and volume of material purchased.

"By dividing the value of the extra pork per crate per year into the cost of the materials, hog producers will find that it takes slightly more than one year to pay off the investment," figures Washam. "Considering the longevity of the wire, the crates can continue to generate extra income long after the initial investment has been paid off."

Broiler placements drop 9%

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending January 24 were 2,082,000, according to the Pennsylvania Crop Reporting Service.

The placements were nine percent below the corresponding week a year earlier and 13 percent below the previous week. Average placements during the past nine weeks were four percent above a year ago.

Placements in the 21 key poultry producing states were 79,713,000, slightly above the previous week and one percent above the same week a year earlier. Average placements in the 21 key states during the past nine weeks were two percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending January 14 totaled 2,093,000, with an average lightweight of 4.22 pounds.

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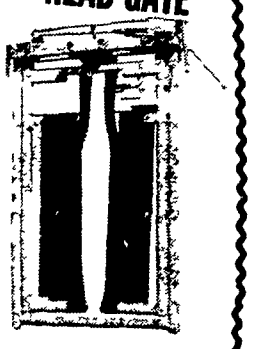

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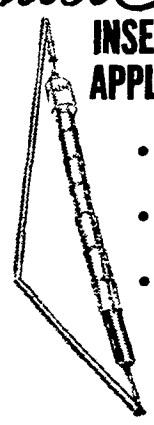

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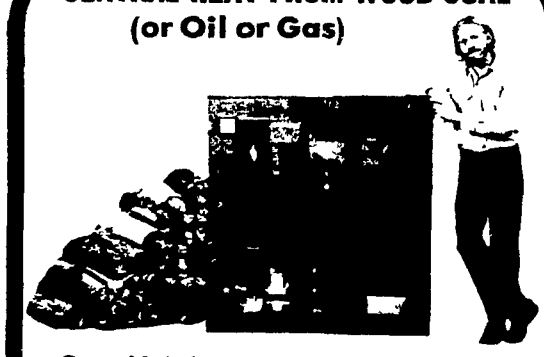

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No barking, dog

A reader asks:

Is there any reason why my six-month old Irish Setter mixed puppy doesn't bark?

Do dogs have to learn how to bark from other canine friends?

J. Traverso, Lancaster

Dr. Maas comments:

Without further information about the puppy's general health and the environment it has been raised in, it is difficult to ascertain whether there is an organic, physical, or psychological problem in the dog.

Barking is partly innate, but also partly learned. That is, if a puppy is in a setting where there is little stimuli, it can respond with either extreme [illegible] vocalization.

If it is kept with humans or other animals, particularly puppies of similar age (as in a litter where others are barking but it is not), then the likelihood of a true physical problem increases.

The owner should first decide whether the puppy is indeed attempting to bark but unsuccessfully producing sounds. If this is the case, two areas may need to be investigated.

The first is inherited deafness, possible in any purebred dog but more prevalent in Dalmations, English Setters and merle Australian Shepherds There is no therapy for this condition.

The second situation is primarily a degeneration of the nerves supplying the muscles of the larynx or voicebox, associated with trauma. The diagnosis is confirmed by vocalization of the vocal cords under anesthesia and requires surgical correction. But the outcome depends on the cause in any one animal.

This degeneration is most uncommon in the dog. More cases are seen in horses and humans. Along with a weak or absent bark, dogs suffering from this condition experience difficulty with respirations and a subsequent reduction in exercise tolerance.

In this particular case, if no other physical signs are present and the puppy is not totally isolated from human contact for long periods, growth and time will probably result in normal vocalization later.

Game Commission to propose antlerless license drawing

HARRISBURG — The Pennsylvania Game Commission is studying a proposal which would require all county treasurers to conduct public drawings to select recipients of anterless deer licenses in 1981

The proposal would result in uniform issuance of anterless deer licenses in each county and insure fair and equitable distribution

Requiring an impartial, random, public drawing will relieve county treasurers of unnecessary and – in many instances – unjustified criticism of the distribution process

Under The Game Law, county treasurers act as agents of the commission for the distribution of anterless licenses. The Game Commission establishes distribution guidelines, and determines the number of antlerless licenses to be sold in each county

The Game Law provides that anterless licenses " shall be issued without restriction or regard to the county residence of the Pennsylvania applicant . ."

The Game Commission has long advocated public drawings to select antlerless license recipients, and the proposal to require county drawings is in line with the agency's desire to have the intent and spirit of The Game Law followed

Some county treasurers have conducted drawings for years, and this method of distributing licenses has gained in popularity to the point where, in 1980, nineteen county treasurers had adopted the procedure.

Hunters applying for antlerless deer licenses would follow a procedure similar to the one used in 1980.

County treasurers, under the Game Commission's proposal, would be able to accept applications for antlerless deer licenses begining Monday, October 5 All applications received until the time of the drawing on October 7 would be included

Each county treaurer would notify the news media in his or her respective county no later than October 1 of the time and location of the drawing

Applicants would be permitted (as in the past) to submit up to three applications in a single envelope. This provision continues to permit several members of a family or close friends to hunt together if their envelope is selected

No person would be permitted to submit more than one application.

Under the proposal, all anterless license applications would be mailed to the county treasurer All permits would be mailed by county trerasurers to successful hunters after October 14

If antlerless deer licenses remain available after completion of the drawing, they will be issed on a first-come-first-served basis.

Under the proposal, no drawings would be conducted by the Game Commission.

The Game Commission will study the proposal, and then vote on the plan at the agency meeting in April. If the proposal is approved at that time, final adoption could not come until the June meeting of the Game Commission

Lancaster to hold two estate meetings

LANCASTER — Two meetings on estate planning and farm transfers will be held in Lancaster during the coming month

The first meeting will be held Thursday February 26, 7 30 p m. at the Farm and Home Center

That session will focus on estate planning, wills, and taxes An update and review of laws governing estates for farm families will be given

Three first-line speakers will talk at that meeting They include M Elvin Byler, Lancaster attorney; Roland Freund, area farm management specialist for Penn State; and Fred Hughes, head of the farm management department at Penn State.

The second meeting will focus on farm transfer arrangments

It will be held at the Farm and Home Center Thursday, March 12, at 7 30 p.m.

Participants in that session will review parent agreements, partnerships, contracts, changes in the corporate law, installment sales, and tax advantages to be realized by a well-planned estate program

Speakers at that meeting will include Roland Freund and Fred Hughes

For further information on either of these meetings, contact County Agent Jay Irwin at the Farm and Home Center, or call 717/394-6851.

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How poor fertilization opens way for stalk rot

NEWARK, Del — Lodging can greatly reduce corn yields A principal cause of lodging is stalk rot. The problem is much more serious some years than others on Delmarva, but it can be minimized with good management, says University of Delaware extension agronomist William H Mitchell

Recent research suggests that stalk rot occurs when the corn plant is forced to draw heavily on stored food in the roots and stalk in order to fill kernels in developing ears This happens when some stress such as high temperature or drought prevents the plant from manufacturing enough carbohydrates to sustain other functions and still reproduce

The developing corn plant isn't at all conservative in its growth habits, explains Mitchell Like a spendthrift, it uses everything nature–and the farmer–provides. If conditions are ideal early in the growing season, the young seedling starts out robustly, putting out a lot of lush vegetative growth it may not be able to sustain, should conditions change for the worse later on If may even start an extra ear

When the weather gets hot, if there's not enough water this large production system may run short of inputs By then the reproductive cycle has started and the plant will continue to try to support earfill by drawing on its reserves

The root system will be the first to feel the drain Next, carbohydrates stored in the stalk will be drawn off Without these to sustain them, root and stalk cells can't perform their normal functions. They start to degenerate and die.

In the process, feeder roots are lost and the stalk becomes hollow This degeneration seems to be the start of all visible stalk rot problems, says Mitchell

Several things contribute to stalk rot problems One is excessive nitrogen This stimulates top growth at the expense of root growth and reduces carbohydrate reserves

Too much water is another way to encourage excessive top growth at the expense of the corn plant's root system

Genetic makeup counts, too Add a variety without good disease resistance and you've created the perfect environment for stalk rot to occur

Research also suggests that stalk rot and weak stalks are associated with potassium deficiency in the soil Where the potassium supply is good, you're less likely to have a problem, says the agronomist This may be because potassium plays a key role in regulating the opening and closing of leaf pores (stomatoes) to permit photosynthesis.

When the plant doesn't have enough of this nutrient, its production of carbohydrates may be restricted.

Sometimes grower expectations are too high early in the season In shooting for big yields a farmer may stimulate too much early growth, unwittingly setting plants up for later stress and lodging Restrict nitrogen and increase the potassium a bit and the result should be a stronger standing corn

There's a delicate balance to maintain, when it comes to nitrogen Leave off too much and you could hurt yields.

On the other hand, there's a fairly close correlation between yield and stalk strength The heavier the yield, the greater the drain on the system and the greater the chance for the development of stalk rot

Part of the answer may be to avoid heavy applications of nitrogen at time of planting Early vegetative stimulation may actually be harmful. It may be better to sidedress later on instead, says Mitchell.

The corn plant needs adequate water to avoid moisture stress during the early stages of growth, he adds At the same time, farmers should hope they don't get too much rainfall Heavy rainstorms early in the season can contribute to the later development of stalk rot

Early planting is another way to reduce the chances for this disease Almost invariably early planting causes shorter, thicker stalk development It also permits the plant to complete pollination by early July, before heat stress begins to build up

Growers can also help reduce the incidence of lodging by selecting hybrids with good resistance to leaf diseases These are most likely to resist stalk rot

No-till corn normally stands better than conventionally tilled corn in field comparisons

Mitchell says he thinks there are two reasons for this Under no-tillage, there is often less available nitrogen because it is immobilized in organic matter, where it's held in reserve for later use.

There's also abundant evidence that potassium accumulates in the upper root zone under no-tillage and thus is more readily accessible to the plant

Much research still needs to be done on the fertility needs of the corn plant, but it may be beneficial to put on nitrogen and even potassium late in the season–even after pollination – in order to maintain balance in the system

"Balance all the way is the key to good standing corn," says Mitchell.

All kinds of stress can result in reduced carbohydrate reserves Since the corn plant doesn't have a very good self regulator but apparently responds readily to whatever stimuli it gets, it's up to the farmer to do the regulating for it, so that these stresses are avoided, or at least minimized.

Start with a hybrid that has good disease tolerance. Avoid early overwatering where possible. Don't overstimulate the plant with nitrogen Make sure it gets adequate potassium

Plant early for maximum stalk diameter and a lower center of gravity And consider switching to no-till By adopting these practices you should greatly reduce the incidence of stalk rot in your fields, Mitchell says

Tips on handling stored manure

LANCASTER — With the spring planting season just around the corner, it's easy to understand why farmers are getting anxious to empty out the manure storage.

This time-consuming job is necessary before a seedbed can be prepared, according to Ed Petrus of the Soil Conservation Service in Lancaster.

"Too many farmers, however, are storing manure with today's techniques, but spreading it by yesterday's standards", he said To get the most out of your manure, he offers the following tips·

1. Avoid excess agitation of liquid storages. The aeration can lead to nutrient loss.

2. Stay out of muddy fields with heavy equipment until the ground has dried.

3. Avoid spreading on snow or frozen ground, when the runoff and pollution potential is high.

4. Favor flat fields over steep fields, and favor fields with erosion controls (terraces, stripcropping, etc.) over other fields

5 Spread immediately before plowing and planting for best utilization.

6. Avoid spreading immediately adjacent to streams, ponds, or wells.

7. Spread based on fertilizer needs from a soil test.

8. Observe maximum spreading limits. These are based on the type of manure, consistency of the manure, productivity of the soil, and the crop to be grown

9. Do not spread on grass-legume hay early in the season.

10 Avoid continued heavy applications in the same field.

One final tip," adds Petrus. "Be neighborly. Let your neighbors know when you'll be spreading, so they can avoid outdoor activities, like barbecues or hanging out the laundry."

For further information or to check the maximum recommended rate for your soils, contact the Soil Conservation Service at 717-299-1563 or stop in at the Farm and Home Cener, Room 4, 1383 Aracadia Road, Lancaster, PA.

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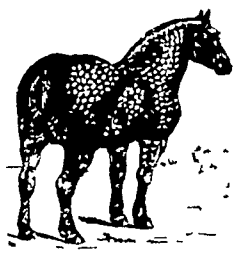

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Cumberland extension honors members

National 4-H winner, Judy Long receives a $1000 check from the National 4-H Council for her outstanding performance in the Horse program Duane Duncan, Cumberland County Agent, presented the check to Miss Long at the Annual Extension Banquet at South Middleton Firehall, Boiling Springs.

Recently elected new officers of the Board of Directors of the Cumberland County Extension Association include President, Robert Berkheimer; Secretary, Mary Ellen Williams; Vice President, Gary Hornbaker, are shown here with Commissioner, Rosemarie Peiffer who has been designated by the Commissioners to work with Cumberland County Extension Association.

Cumberland County Agent Duane Duncan, left, receives the 1980 Distinguished Service Award from the National Association of County Agricultural Agents, presented by Lancaster County Agent, Jay Irwin, Director of the Penna. Association, County Agricultural Agents at the Cumberland County Annual Extension Banquet.

The Cumberland County Extension Association presented outstanding leadership and service awards to Dorothy Jones, R1, Newville and Mark Basehore, 6080 Creekview Rd., Mechanicsburg, for their many years of untiring contributions to Extension programs. Robert Berkheimer, left, President of the Association, presented the awards.

Spread yield risk: plant several varieties

LITITZ — Planting soybeans that mature at different dates is a wise practice that helps insure growers against potential crop disasters, notes Charles Brim, manager of soybeam research for Funk Seed International

Many soybean growers typically plant several corn hybrids with different maturities to spread risk But the same growers may devote all their soybean acreage to one variety, Brim says, even though the reasons for planting "companion" corn hybrids apply just as well to soybeans

Planting companion varieties with varying degrees of insect and disease resistance decreases the chance that any single pest can damage an entire soybean field And dry, hot weather that can inhibit corn grain fill also can critically reduce soybean pod set and fill

By planting different maturity soybean varieties that will flower and fill at different times, growers will have more assurance that overall farm yields will be increased," Brim adds

For example, some early maturity soybean varieties did poorly last year due to drought, while later maturities fared better.

"In the Bloomington, Illinois, area, we got rains rather late in August. As a result, the Group III varieties yielded better than Group II," Brim explains.

Seed companies are releasing a greater number of high-yielding companion soybean varieties to help growers spread risk

"The number of good varieties available should enable growers to plant several in one year," Brim concludes 'It doesn't pay to put all your eggs in one basket, whether you're planting corn or soybeans."

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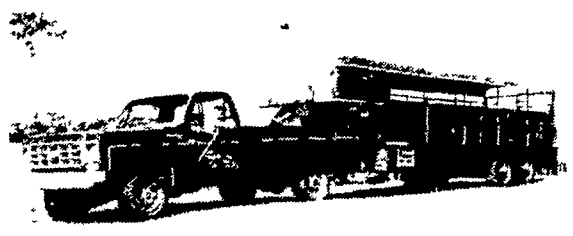

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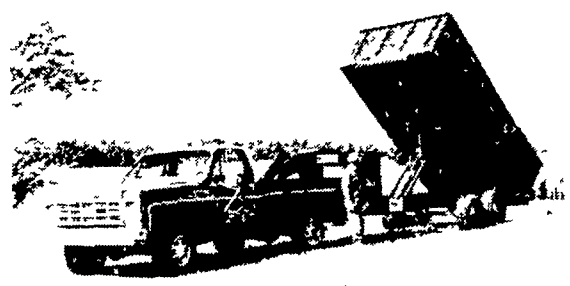

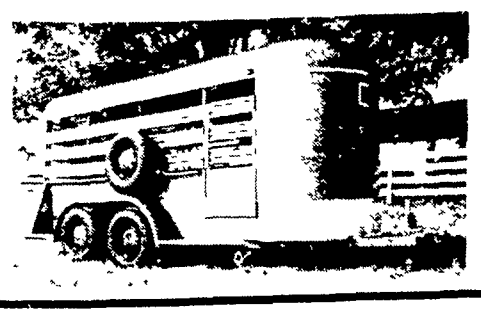

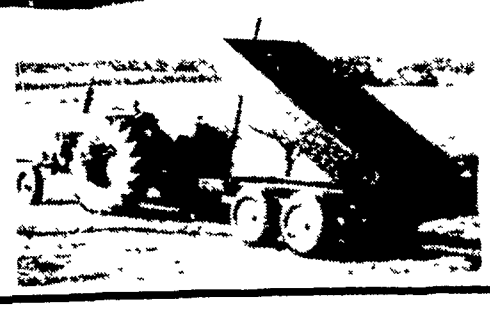

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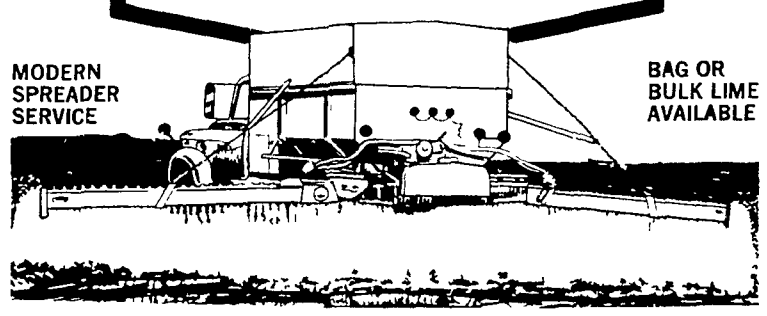

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Farm Equipment makers see upswing in sales

MIAMI BEACH, Fla — Farm equipment manufacturers in the United States are predicting a 10 percent increase in dollar volume of retail sales in 1981 — just enough to cover what economists feel will be the year's inflation rate.

Companies reflected this median forecast in a survey conducted among its members in late December and early January by the Farm and Industrial Equipment Institute, Chicago. Survey results were presented last Friday in the State of the Industry report by Cecil Stralow, vice president and assistant general manager, Avco New Idea Farm Equipment, Coldwater, Ohio.

The forecast — which covers such major items as tractors, combines, tillage, hay and forage handling equipment — follows a year that saw unit sales of some equipment tumble as much as 25 percent. For instance, farm wheel tractor unit sales were off 12 percent, self-propelled combines were off 20 percent, and balers (under 200 pounds) were down 25 percent

"Aside from higher prices," Stralow told the nearly 200 industry executives attending the annual FIEI Winter Marketing and Management Conference, "survey results indicate we think higher farm income, lower interest rates by harvest time, the new Administration and a good commodity export year will help our industry in 1981."

The executive went on to list some of the factors cited by members who predicted a decline in dollar sales. These included continued high interest rates, impact of the drought apparently now spreading West, limited loan funds in some areas and consumer confidence.

These projections represent the median response range of the survey of 54 producers of field machinery and 45 manufacturers of farmstead equipment. Members were asked to respond only to questions pertaining to products they manufacture or sell, but to make the predictions on an industry-wide basis

In the forecast for all tractors, unit sales for 1981 are expected to increase 7 7 percent over 1980 - which saw a 12 percent decrease from the previous year 1982 sales should go up another 4,500 units, according to the survey.

1980 sales of under 40 horsepower, two-wheel drive tractors were off 5.2 percent from 1979. No significant strengthening of this market is expected until 1982 when a 5 3 percent gain seems likely.

FIEI members say they believe sales of two-wheel drive tractors, 100 horsepower and over, will bounce back hard in 1981 at a 17.2 percent gain but still not recovering the nearly 20 percent decline of 1980

Four-wheel drive tractor sales are predicted to continue market growth, regaining all lost ground by 1982. 1981 sales are expected to be in the 11,600 range, up 6 6 percent over 1980's 10,885 units, while 1982 should see another 4.1 percent increase

Sales of self-propelled combines in 1980 were off a disappointing 20.2 percent from 1979 according to FIEI's December Flash Report That is 15.2 percent lower than members forecasted last May. 1981 sales are predicted to increase by 14.7 percent to 29,500 units and 1982 sales should be 30,700

The forecast indicates corn heads are not expected to regain ground as quickly, with a nine percent gain estimated for 1981 By 1982 a market of 20,750 units, a four percent increase, is anticipated.

Field cultivator sales are expected to come back strongest in 1981 with a 15.7 percent increase over 1980's estimated 14,500 unit sales. The additional prediction calls for a 5 8 percent gain in 1982

An 18 percent decrease is estimated for the 1980 disc harrow market (final sales figures are not yet in) But 1981 is expected to see an 11 percent increase to 57,500 units with another six percent gain for 1982

Sales of moldboard plows in 1981 are forecast to increase 6.3 percent over 1980's estimated 24,000 units 1982 may be 2.4 percent higher than 1981 levels.

In the chisel plow market, an 8.9 percent gain is expected in 1981, with a 5.2 percent increase to 16,050 units likely in 1982

The market for balers in the under 200 lb. bale class was off 25 percent in 1980 but 1981 sales are estimated at 14,750 units - a 5.3 percent gain 1982 sales should be up 1.7 percent

The big baler market (over 200 pound bales) took a small step backward in '80, but '81 sales are expected to increase by 15.5 percent to 19,000 units.

The extended forecast calls for an '82 sales increase of another 7 4 percent.

It now looks like forage harvester sales in 1980 will be off as much as 24 percent, but sales are predicted to be up 12.7 percent in 1981 and up again 6 6 percent in 1982

1980 sales of mower conditioners were also off 24 percent In 1980 the manufacturers expect to market 21,000 units, a gain of 8 2 percent. Another increase of 10 5 percent is expected in 1982.

Not unlike other equipment lines, sales of grinder mixers are now expected to be off 27 percent and up a total of about 18 percent in 1982

In the following product categories, manufacturers forecast the change in retail dollar sales.

Portable farm augers and elevators dollar sales are predicted to be up five percent in 1981 and 11 percent higher yet in 1982 as pent-up demand and higher grain prices are expected to bolster sales.

Crop dryers and grain bins are expected to have modest retail dollar sales increases in 1981, perhaps keeping up with inflation in 1982 High interest rates and a perceived leveling of demand in some areas is suggested as rational reasons for relatively slow growth

Farmstead equipment for hog, beef, and dairy production is forecasted to keep up with inflation. Improved prices were cited as positive factors, while high interest rates and uncertainty regarding price supports were often mentioned as reasons to be less optimistic.

All in all, the State of the Industry report indicated manufacturers believe it will take most of 1981 to recover from last year's precipitous declines in retail sales. They see any real turn-around taking place in 1982.

The companies which participate in this survey manufacture more than 90 percent of this nation's field machinery and farmstead equipment sold in this country and overseas They are all members of the Farm and Industrial Equipment Institute, the national trade association for equipment manufactures, founded in 1893 and now providing member services in such areas as engineering, safety, transportation, statistics, public relations and government relations

Egg output down slightly

HARRISBURG — December 1980 egg production in Pennsylvania totaled 375 million, according to the Pennsylvania Crop Reporting Service.

The December production was two percent above the 368 million eggs produced in December 1979. The December average of 16.8 million layers was one percent higher than a year ago.

Egg production per 100 layers was 2230 compared with 2204 in December 1979.

The nation's laying flocks produced 6.05 billion eggs during December, slightly below 6 06 billion produced a year ago.

The number of layers for December averaged 294 million compared with 296 million a year earlier.

Egg production per 100 layers during the month was 2057 compared with 2052 a year ago.

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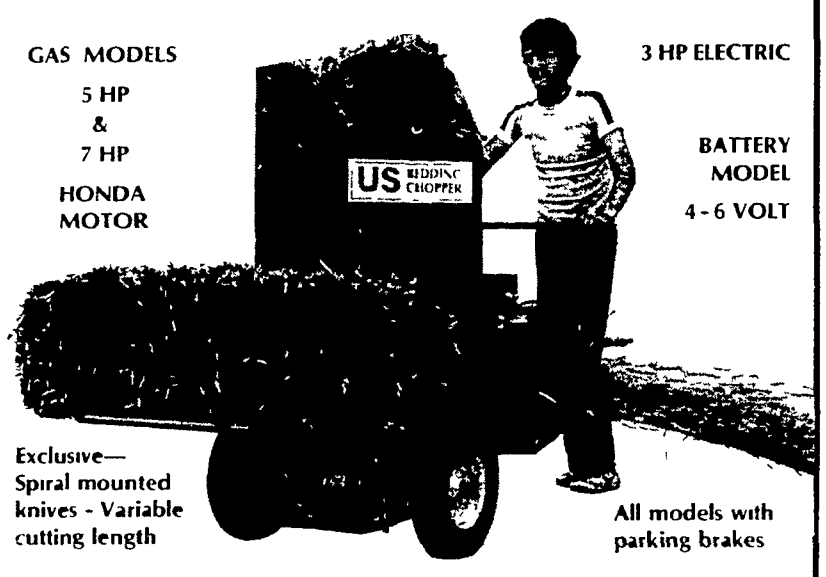

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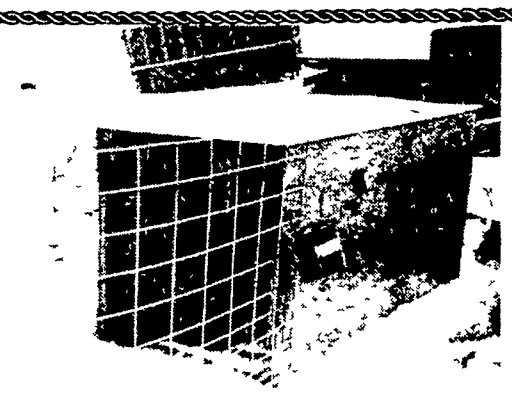

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Names commodity research director

LANCASTER — Dean Witter Reynolds' National Commodity Division proudly announces that Robert C Lindon has joined the firm as Director of Commodity Research.

Lindon's background includes a fundamental approach to the markets, developed through an association with industry and experience in agricultural management, as well as technical expertise in having designed seasonality studies and trading systems

He comes to Dean Witter Reynolds from The Planning Economics Group, a Boston-based consulting firm At Planning Economics, he helped develop a technical trading system and commodity fund portfolio, which he marketed to corporate and agriculture hedge programs

Lindon said he feels the best application of his expertise is in medium- to long-range forecasting and trading strategies He developed a computerized seasonality evaluation program for price forecasting, while in a previous position with General Foods, a process that was refined for use with extended commercial hedging applications As senior commodity buyer for General Foods's cash grain and milling products, his responsibilities included cash purchasing strategies and futures hedging activity.

In this capacity as well as in other positions, he performed his own market analysis His analysis of commodity trends incorporated price fluctuations in the grain, livestock, and metals markets

Lindon's analytical expertise complements his broad-based fundamental background, and he maintains rapport with analysts in industry, academia, and government His involvement in farm financial management allowed him to develop individualized plans for marketing and cash management Bob has a master's degree in agricultural economics from Southern Illinois University.

"Bob Lindon brings to Dean Witter Reynolds a strong, diversified background," says Arthur Marcus, Director of the Commodity Division "The Division is proud to have him as an integral part of our team We look forward to new growth in Commodity Research under his direction"

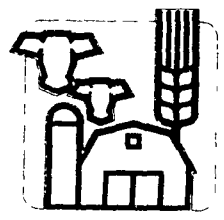
G. VanDerSchaaf

Weaver names sales manager

NEW HOLLAND — Glen VanDerSchaaf has been appointed district sales manager food service products of Victor F Weaver, Inc , New Holland

VanDerSchaaf joins Weaver after eight years of sales and marketing experience with Pierce Food Corp He is a graduate of Gustavus Adolphus College, Minnesota, where he received a B.A degree in business administration and a Master's degree in economics from the University of Nebraska.

As district sales manager, VanDerSchaaf will be responsible for directing Weaver Food Service brokers and activities in the eastern United States market area.



Philly produce firm has license suspended

PHILADELPHIA — Twin States Marketing Co , Inc , Philadelphia, had its produce trading license suspended effective December 8, 1980, after the firm failed to make records relating to its interstate purchase of fruits and vegetables available to the U.S Department of Agriculture

Under PACA, all interstate traders in fresh frozen fruits and vegetables must be licensed by USDA's Agricultural Marketing Service USDA is authorized to suspend or revoke a trader's license for violating the act

Charles Brader, marketing official with AMS, said the firm was sent written notice by USDA to produce its records after numerous shippers had filed complaints alleging violations of the Act. The firm failed to produce its records within the specified time and thereafter was notified that its license was administratively suspended

The Twin States license will remain under suspension until the firm allows USDA to examine its records. The firm may not conduct business subject to the act while its license is under suspension.

The firm's officers and major stockholders–David Kaufman and Phyllis Kaufman–may not be employed by or affiliated with any PACA licensee during the suspension period

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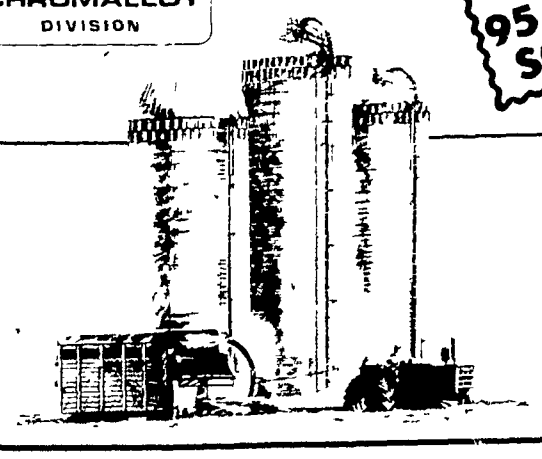

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Delaware veg growers discuss production ideas

DOVER,, Del — Delaware vegetable growers took a look at several potential crops and a revolutionary new planting technique during their recent annual meeting in Dover

One highlight of the two-day event was a talk on fluid drilling of pre-germinated seeds by University of Florida's Herb Bryan, a nationally known authority on the subject

The technique actually originated in England about 20 years ago but is just catching on in the U S It calls for sprouting seeds, mixing them with a special gel preparation, and then planting them in the ground The system results in early emergence, better stands, and early and uniform maturity

Farmers in several states including Florida, Texas, Ohio and Michigan already are growing tomatoes and chile peppers this way on limited acreage

Bryan also reports excellent results in test plantings of radishes, okra, cucumbers, watermelons, tomtoes, celery, lettuce, potatoes, peppers, onions, sweet corn and cabbage

As the technique is perfected and field equipment is improved, observers expect to see wide adoption of this revolutionary cultural practice

Besides its other advantages, it offers low energy costs, reduced temperature-related problems with developing seedlings, and reduced soil crusting (especially if a bit of peatlite is dropped on top of the gelencased seed at planting)

It is possible to add fungicides, growth stimulants or nutrients to the gel to further encourage uniform stands, sturdier plants, and higher yields of top-quality produce The pregerminated seed can be planted either in bare ground or through plastic mulch

Delaware extension vegetable specialist Mike Orzolek told farmers present at the meeting that he has built a 4-row, 3-point hitch, fluid drill and will be using this next summer to plant some small plots of pre-germinated pepper seed in an effort to help area pepper growers avoid some of the disease problems associated with the use of transplants

He also hopes to plant small plots of cabbage and other vegetables this way on cooperating farms

Most farmers who are good managers are always on the lookout for alternate crops to grow Several presentations during the meeting concerned new crop possibilities for Delaware vegetable growers

Bernie Pollock of Rutgers University discussed the prospects for local dry bean production

Noting that increased soybean production in Argentina and Brazil could well result in lower prices for this crop in the future, he suggested that dry beans might be one good alternative crop to consider These provide high levels of usable protein and offer potential returns five times greater than soybeans on a per-acre basis

With the Port of Wilmington, Delaware growers have the opportunity to export dry beans to many parts of the world where this vegetable is the major protein source Pollock said there are several bean varieties suitable for Delmarva growing conditions

Another speaker, Ray Webb, described work he is doing with russet potatoes at the U S Department of Agriculture's Agricultural Research Center in Beltsville, Md Purpose of this work is to develop a quality russet suitable for Eastern growing conditions and competive with those now grown in Idaho, Oregon and Washington.

Two varieties are now available -- Bel Rus (which was developed in Maine), and Beltsvilles Russette

Because each potato variety has special needs, he advised farmers to try these on a small scale first while they learn how to get yields and specific gravity up Within the next five years Webb expects Eastern growers to have several other russet varieties capable of yielding good table stock on a level competitive with western-grown russets

Within 10 years, Delmarva could all have its own French fry plant as well, he said

A third cropping alternative—herbs and spices—was discussed by Elmo Davis, director of research for the McCormick Company Davis said it doesn't take much land to grow the amounts of herbs needed, but it can be a profitable enterprise with good management

Because growing herbs requires a lot of labor, he sees this enterprise working best as a family operation. Quality control must be excellent for your crop to be worth anything, he stressed And he cautioned farmers not to jump into production until they've explored all aspects of the crop – especially marketing

According to Davis, successful herb production depends on a number of factors. a dry season, limited acreage, suitable plant cultivar, and cultural practices.

U S herb crops include onions, garlic, chile peppers, parsley, basil, dill weed and dill seed, sage, oregano, savory and thyme Most of these are currently grown in the Southwest.

Frequent, irregular rainfall in the East is a problem in growing these crops because it can delay harvest. Timing is critical because plants need to be harvested when essential oils are at their peak

Davis also warned that it's hard for a new supplier to enter the herb and spice market

Self-feeding boosts feed intake

LITITZ — Putting early-lactating cows on a self feeding program is one way of boosting feed intake for top milk production

George M Ward, professor of dairy science of Kansas State, says the free choice method of feeding is both feasible and practical in herds large enough to have cows grouped by production. Cows allowed to eat all the grain concentrate and quality roughage they want in a balanced ration will maximize milk production, he says

Ward offers some precautions, however, when implementing such a feeding program Cows should be preconditioned to concentrate feeding two weeks before being self fed. and should be full of feed when introduced to a self-feeing program Enough quality roughage should be provided at all times "

He says the concentrate mixture should contain about two percent more protein than rations for the rest of the herd, as well as 1 5 percent sodium bicarbonate to prevent acid-base imbalance in the rumen

Sodium bicarbonate is an effective rumen buffer," he says

Cows produce sodium bicarbonate naturally in their saliva However, high energy rations, necessary for top milk production, can cause natural bicarb production to decrease At the same time, the more easily digested grain diets produce larger amounts of acid in the rumen

Without adequate buffering, excess rumen acidity interferes with normal appetite, feed efficiency, and milk and fat production Sodium bicarbonate mixed with the concentrate at a rate of 1 5 percent on an as fed basis will prevent these problems associated with excess acid

When adequate precautions are taken, cows may be left in the self-feeding program 45 to 50 days, says Ward, or until their milk production goes down below a predetermined level where it's not worth giving them the high energy ration "

Ward demonstrated the feasibility of a self-feeding program in the KSU herd, with Holstein cows that ate an average of 30 to 35 pounds of a grain sorghum-soybean meal concentrate along with alfalfa hay Milk fat tests averaged from 3 3 to 3 8 percent on the monthly DHIA tests

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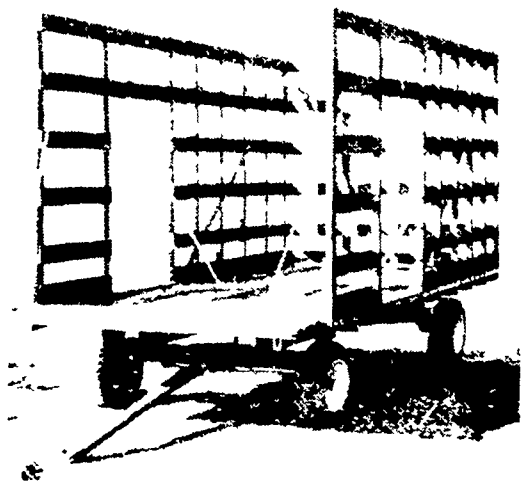

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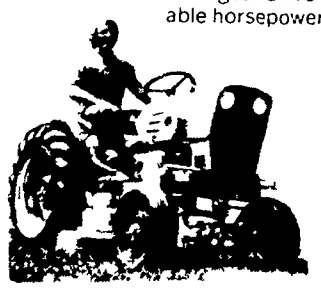

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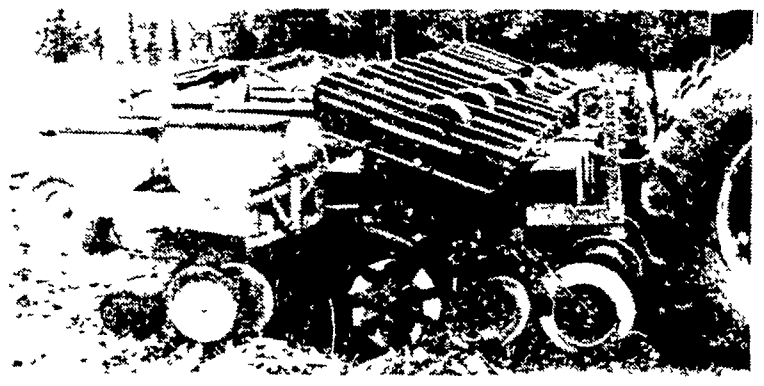

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February's commodity is cherries

HARRISBURG — President George Washington, who chopped down his father's cherry tree, had not yet learned the true value of the tart red fruit. But later in life, our first President felt right at home in his orchards.

Pennsylvanians should learn from him, because with nearly 200,000 trees, Pennsylvania ranks fifth in the nation in the production of red cherries. Pennsylvania Agriculture's commodity of the month for February is the red cherry.

Tart cherries can be purchased canned, frozen or as prepared pie filling Canned cherries are packed without added sugar and are excellent in meat entrees and frozen desserts.

Cherry pie filling is also canned but the cherries are prepared in a thick, sweetened syrup. This product is designed for quick pies and desserts, and is also great for poultry stuffing.

Frozen tart cherries are prepared with additional sugar and are normally packed in 30-pound containers. Frozen cherries are great in sauces, puddings, cookies and cakes while the juice from them is good in fruit beverages and salad dressings.

The Pennsylvania Department of Agriculture's Division of Food and Nutrition suggests that frozen cherries should not be stored in bulk as purchased. The containers should be thawed just until the juice melts while the cherries remain frozen This helps maintain the flavor of the cherries while allowing the consumer to package the fruit in convenient home freezing containers.

The division also points out that red cherries are high in vitamin A, which is needed for normal growth and for normal vision in dim light Vitamin A is also important in keeping the skin and inner linings of the body healthy and resistant to infection.

Red cherries contain Vitamin C and calcium as well These nutrients are important in proper growth and formation of bones and teeth and also in blood vessel formation and the healing of wounds.

February's Pennsylvania commodity recipe follows.

CHERRY-GLAZED HAM STEAK

2 lbs. sweet potatoes (about 6)
16 oz. can tart cherries
3/4 cup brown sugar
1 Tbsp. corn starch
1½ in. thick ham slice (fully cooked)

Cook unpared sweet potatoes in boiling water for 15 minutes. Peel; halve lengthwise. Drain cherries, reserving juice; add water if needed to make 1 cup liquid. Add liquid to brown sugar and cornstarch; stir in cherries and sweet potatoes Cook uncovered over low heat for 15 minutes. Slash fat edges of ham Broil or pan-broil 12-15 minutes on each side for cook-before-eating ham.

To serve, put ham in center of warm serving platter. Arrange sweet potatoes and cherries around ham.

Decorate windows to conserve energy

NEWARK, Del — Worried about utility bills? Put your home furnishings to work to conserve energy. Begin by taking a look at your windows and window treatments

Make use of solar energy to brighten the home and reduce the need for artificial light During winter, allow maximum sunlight into the home It's one energy source that is virtually free

To maximize sunlight use lightweight casement fabrics on windows Their open weave lets in light and solar energy. They can be teamed with heavier draw draperies that will conserve heat during the night

Windows shades can be used as an alternative to draperies They are available for most window sizes and can be installed in a short time. Traditional roll shades are available in many colors and patterns. Roman or bamboo shades also add variety.

Consider energy-saving colors, such as pale yellow and white, which reflect light, making your rooms look brighter These rooms will take less wattage to light when electric light is needed.

Other pastel shades, such as pink, green and blue, will reflect some light. Dark colors — browns, golds, earth tones, rusts and reds — soak up light. Rooms decorated in those colors need more artificial lighting.

Choose light finish or wood paneling, as the darker finishes seem to swallow light The same is true of wallpapers.

"Light" and "bright" are also the key words for room furnishings.

When arranging furniture, be careful not to obstruct heating vents. Arrange furniture to take advantage of the sunlight. Furniture placed close together makes the living area seem cozier and warmer.

Soybeans respond to potash

COLUMBUS, OH — The economics of potash use on soybeans was excellent in two four-year trials at Ohio State University and Ohio Research and Development Center, according to Jay Johnson of the University.

At Springfield, 120 pounds per acre of K2O increased eight bushels per acre and boosted profit to $35.20 per acre. At Wooster, 200 pounds per acre of K2O increased the yield 10.6 bushels per acre and boosted profit to $41.72 per acre.

The economics of the last increment of K2O applied was also very good, the Ohio State specialist pointed out. Going from 80 pounds per acre of K2O to 120 pounds per acre of K2O returned 210 percent on the investment

Soybeans responded so significantly to potash that Johnson reached four conclusions about potash on soybeans. (1) Soybeans respond to potash with significantly increased yields. (2) Soybean yield response to potash occurs over a wide range of soil test levels (3) Soybeans respond to higher soil test K than corn. (4) The amount of potash now being used on soybeans is too low.

Johnson explains, "The almost linear yield increase with higher K rates means the 120 pounds per acre of K2O could have been too low for maximum yields."

When all the data (yield, soil test level, and K2O rate) were summarized from over 700 plots, soybeans needed a higher soil test level than corn.

For silt loam soils, the optimum soil test for corn is 265 pounds per acre of K. And the optimum soil test for soybeans is 325 pounds per acre of K-or 60 pounds higher than for corn-according to recent data.

On a silty clay loam or clay, Ohio specialists recommend building to a soil test of 370 pounds per acre of K for all crops except soybeans. For soybeans the optimum soil test should be 430 pounds per acre of K for this soil, they advise.

The trials also showed soybeans respond to potash when direct applications are made in the spring or fall preceding the crop.

"This refutes the idea that soybeans respond only to residual fertility," Johnson emphasizes. "Soybeans do respond to direct application of potash"

The Ohio scientist believes many farmers are probably missing higher yields "because of the low P and K use in most states."

A folder describing these studies is available thorugh the Potash & Phosphate Institute, 2801 Buford Hwy., N.E., Atlanta, GA 30329.

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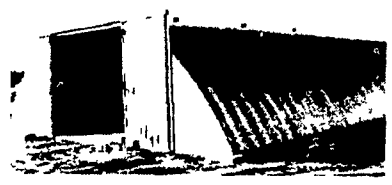
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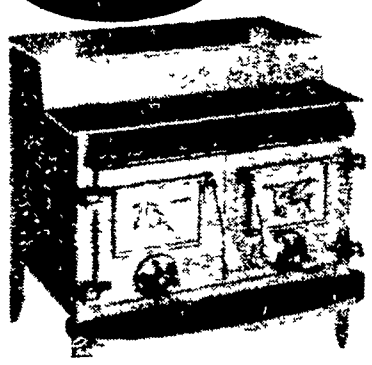

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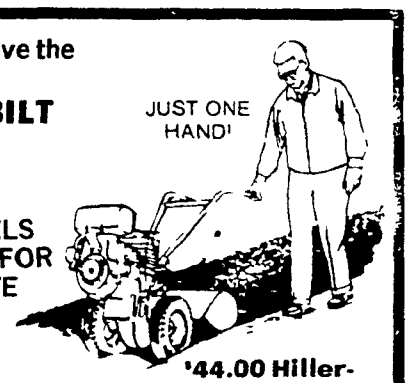
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As American-International Charolais Assoc. president

Dickerson steps down

DENVER, Colo — Pennsylvania's Logan Dickerson, of Royal Charolais Company, Youngwood, stepped down from the president's position with the American-International Charolais Association recently His one-year term came to an end at the organization's 24th Annual Membership Meeting held here January 22-23 Elected to represent the organization of the big, white beef breed as president was Arnold Wienk of Wienk Charolais, Lake Preston, South Dakota

Wienk Charolais is a family run operation, Wienk and wife, Carol, have five daughters and two son-in-laws Carol is bookkeeper of the cattle ranch, which has a herd of 600 Charolais cattle, both polled and horned. Wienk's herd of Charolais are all on the Charolais Herd Improvement Program and he has been performance testing for eighteen years Four of his cows have received the AICA Sterling Dam of Distinction award

Besides raising Charolais, Wienk grows corn, beans, and wheat on 1300 acres of farm land

Wienk was 1980 secretary of American-International Charolais Association, and formerly its treasurer He served seven years as director of AICA He is also serving as a board member of the Ag-Advisory Board of South Dakota State University

Wienk was instrumental in forming and served as secretary/treasurer of the Upper-Midwest Charolais Association, a five state area organization dedicated to the promotion of Charolais cattle It was one of the first affiliated organizes. He was also director and past President of the South Dakota Charolais Breeders Association

Other directors who assumed offices were. Johnny Ragsdale, secretary, Richmond, Texas, Malcolm Commer, vice president, Jonestown, Mississippi, Roy Prescott, treasurer, Jerome, Idaho.

Four new directors were named Donald K Barton, Manti, Utah, Greg Hubert, Monument, Kansas, Raymond Hicks, Bandera, Texas, Roy Prescott, Jerome, Idaho

Continuing members on the board of directors are: James D. Shannon, Jeffersonville, Georgia, Phil Rucker, Shelby, North Carolina, Leo Dumont, Dunstable, Massachusetts; Lloyd Householder, Lancaster, Ohio; Paul Bertsche, Flanagan, Illinois; Willard Walker, Springdale, Arkansas; John Blankers, Holland, Minnesota, M D Buchanan, Graham, Texas, Robert B. Mathews, Pasadena, California.

FmHA simplifies appeals procedure

WASHINGTON, D C — People who have been denied assistance by the U.S. Department of Agriculture's Farmers Home Administration now will find it easier to appeal the decision than in the past, a USDA official said Thursday

"A new procedure now being followed requires an informal discussion between the applicant and the person in our agency responsible for the decision," Kenneth Latchoha, acting administrator of the agency, said

'We often clear up misunderstandings informally, saving time and trouble for all.

"However, if an applicant wishes to formally appeal a decision, the new procedure clearly spells out how to do it and establishes definite time limits within which the agency must respond," he said

"We also are setting up a reporting system to give us information on various types of appeals and how they are handled In this way, we can develop an uniform approach in dealing with adverse decisions"

The Farmers Home Administration makes loans and grants to individuals and communities in rural areas who cannot get financing from other sources

The agency provides assistance in four areas–farming, housing, essential community facilities and business and industrial development–through nearly 2000 district and state offices.

N.J. to hold crops meeting

FLEMINGTON, N J. — The opening session of the New Jersey Extension Service's winter meeting series will be Field Crops '81, an alll-day program set for Monday, February 9

Program will begin at 10 00 a m and conclude by 3.30 p m and will be held in the Hunterdon County Extension Center, according to Calvin Wettstein, County Agricultural Agent

Extension service speakers and their topics include. John Meade - ' Herbicide Up-Date - 81" and Fine Tuning Your Herbicide Programs, ' James Justin - Crop Varieties" and Winter Cover Crops;" Roy Flannnery - Soil and Crop Management Inputs," Stuart Race - 'Insect Control in Field Crops . Production and Storage"

A number of area farmers will also participate Subjects will include Use of Field Records and Post Applications of Herbicides in Soybeans

Other meetings scheduled in the series are. Wednesday, February 25, Dairy Topics; Tuesday, March 3, Beef Topics, Monday, March 9, Sheep/Swine Meetings; Wednesday, March 18, Horse Management

These meetings are all 8 p m The Field Crops program is daytime, beginning at 10 a.m

Maryland to study rabbit production

ANNAPOLIS, Md. — A new agricultural industry is multiplying in Maryland and surrounding states but the problem is that no one has any accurate information on just how big it is at present and that is something the Maryland Department of Agriculture wants to do something about

That industry is the production of rabbits for meat In possibly hundreds of backyards, in old chicken houses, garages, barns and other outbuildings, people are raising rabbits.

Therefore, the Division of Marketing, MDA, is asking rabbit growers to come forward so that a questionnaire can be developed to census their industry

The reason at hand is the fact that MDA has been approached by a businessman who says he wants to locate a rabbit processing plant on the Eastern Shore and needs to know what the potential sources of supply of rabbits is at present

Rabbit production is not a small industry, according to USDA, in 1979 some 24,000,000 pounds of processed rabbit meat was imported into the United State primarily from China, Poland and Australia. What domestic production was, no one knows because figures have not been compiled on commercial rabbit production

If you wish to participate in the MDA study on rabbit production, please sent a postcard with your name and address to Rabbits", Marketing Division, Maryland Department of Agriculture, Parole Plaza Office Building, Annapolis, Maryland 21401.

USDA to protect seven new varieties

NEW YORK, N Y — The U S Department of Agricul ure has issued certificates of protection for new varieties of lettuce, pea, soybean, cotton and cauliflower, a USDA official said.

Barbar L Schlei, administrator of USDA's Agricultural Marketing Service, said owners of the new varieties will have the exclusive right to reproduce their products in the United States for 17 years. Certificates of protection are granted after a review confirms the breeders' records and claims that each new variety is novel, uniform and stable.

Developers of the new varieties are National Seed Development Organization Ltd., Cambridge, England, for Maris Ladger Italian ryegrass; Rijk Zwaan Zaadteelt En Zaadhandel, BV Holland, The Netherlands, for Silver Star cauliflower, Delta & Pine Land Co , Scott, Miss , for Deltapine SR-5 cotton, Coker's Pedigreed Seed Co , Hartsville, S.C., for Coker 315 cotton, Asgrow Seed Company, Kalamazoo, Mich , for Redhead lettuce, Pomak pea, and A5474 Soybean.

Certificates for Early Perfection pea developed by Canners Seed Corp , Lewisville, Idaho and for Terra-Vig 708 soybean by Terral-Norris Seed Co., Inc., Hartsville, S C , have been reissued.

The Maris Ledger Italian ryegrass, Coker 315 cotton and Terra-Vig 708 soybean will be sold by variety name only as a class of certified seed.

The plant variety protection program is administered by USDA's Agricultural Marketing Service and provides legal protection to developers of new and distinctive seed-reproduced plants ranging from farm crops to flowers

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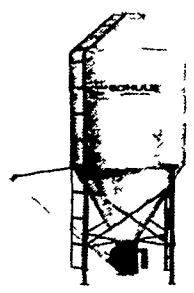

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Deadline for milk price support comments is Feb. 17

HARRISBURG — The U S Department of Agriculture is seeking public comment until February 17 on its midyear adjustment of the support price for milk and the prices and terms of purchase for butter, cheese and nonfat dry milk by the Department's Commodity Credit Corporation

CCC supports milk prices by purchasing surplus products from the market

Congress mandates that USDA must adjust the milk support price to reflect changes in the parity index in the first half of the marketing year. The adjusted support price will be effective April 1 through September 30, the second half of the marketing year

The index of prices paid, interest, taxes and wage rates (the parity index) is projected to increase about 6 9 percent between October 1, 1980 and April 1, 1981 This would result in a 6 9 percent increase in the support price on April 1

The support price in effect since October 1, 1980, the beginning of the 1980-81 marketing year, is $12 80 per hundredweight for manufacturing milk with 3 5 percent milkfat content or $13 10 per hundredweight for milk with 3 67 percent milkfat, the national average

Written comments should be directed to the Director, Procurement and Sales Division, ASCS-USDA, P O. Box 2415, Washington, D C., 20013 All written comments will be available for inspection at the Office of the Director during regular business hours

Guernsey sale averages $1346

LANCASTER — Twenty-five head, including two grade cows and two bulls, averaged $1,346 at the Special Guernsey Sale held January 29 at the Sales Pavilion.

Among buyers, the stock purchased and prices were:

Avalong Farms, Inc., R7, York – Golden Dew Topcats Roxy, $1400.

James G. Delong, Bowers, Pa. – Anchor & Hope Laurel, $1350.

K D. & Else Linde, R1, Oxford – Sunnydell Frederick Fanny, $1775.

Stanley L. Miller, 501 Doe Run Road, Manheim – Greystone Dale Lida, $1450; Larry K Dari Fayvor Merry, $1200; Her Ra Maxim Lavina, $1350; Sunny Lanes Calla White $1250; Wightman Nance Myrna, $1200; Sunnydell Star Sophia, $1550, Her Ra Bart Wendilla, $1350, Anchor & Hope Laurel, $1250;

Kevin Nedra, Clifton Springs, N Y – Sunnydell J Cameo Rose, $1950

Robert H. Nehrig & Son, R2, Homer City – Stoney Hill Sondra, $1500, Greystone Sultans Helena, $725, Kelso Bankers Frank, $725; and Mt Murren Fabulous Dino, $1050

Wilson Bros., Englewood, Tn – Sunnydell Jupiter Floret, $1700; Eastleigh C. L Cedar, $1500; Burgess Farm Fayvors Jill, $1425; Smithside B Lila, $1150; Chedco Wistar Janet, $1300, Sunny Lanes Snow Berry, $1400, Sunny Lanes Scarlet Red, $1400, Greystone Stella, $1200; Jenny Lynn, $1500.

Potato Growers to meet

LANCASTER — The Pennsylvania Cooperative Potato Growers, Inc will hold their annual potato institute in Lancaster this year

The 30th annual Institute will be held at the Host Town, 30 Keller Avenue, Lancaster The motel is located just west of Rt. 501 South of the Route 30 bypass

The meeting will be held Wednesday and Thursday, March 4 and 5

Registration for the Institute must be made by Friday, February 20

Reservations for both meals and rooms are required because of the size of the turnout expected at the meeting.

Reservations can be made through the Co-op office at 25 N Progress Avenue, Harrisburg, or by calling 717/652-4200

A complete potato growing program will be presented, including talks by several Penn State specialists

Keynote speaker at the Wednesday evening banquet will be C E. Howes of the Council on Agriculture Scientific Testing

Howes will talk about federal government in agriculture

Senator charges decontrol will hurt farmers

WASHINGTON, D.C — When President Reagan ordered the immediate decontrol of oil prices, farmers were among the biggest losers.

His order not only put an immediate end to price controls, but it also ended the special protection which had been extended to farmers to make sure they get the fuel they need — when they need it — for planting and harvesting, said Iowa Senator Tom Harkin

"A serious shortage which pops up during planting or harvesting time — as we learned in Iowa just last spring — can have irrevocable and disasterous consequences on the nation's farms. Once a crop is planted late, harvested late, or not planted at all, the damage is done," he said.

'We had a special rule that made delivering fuel for farm use a top priority. The President's order abolished it, and I think that s a big mistake It we have another shortage farmers are just going to be left at the mercy of the big oil companies," he continued.

"I like the idea of reducing government rules, regulations and red tape. But the Reagan Administration would do well to learn early on that not all rules and regulations are bad Some serve a very valuable purpose

"We may be lucky and not have any serious disruption of supplies. Given the instability of many of our Middle Eastern suppliers, we'd be very lucky if that's the case. If that happens, higher prices will be the only cost we have to hear.

"If we don't have good luck, the nation's farmers may very well be among the first called upon to demonstrate the importance of an old saying to the new administration: Be careful not to throw the baby out with the bathwater," he concluded.

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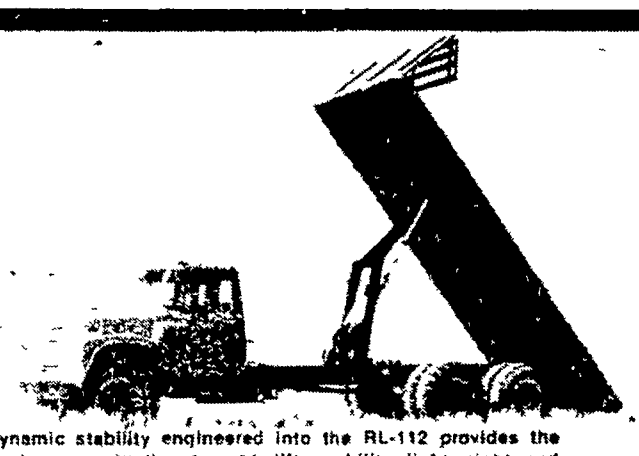

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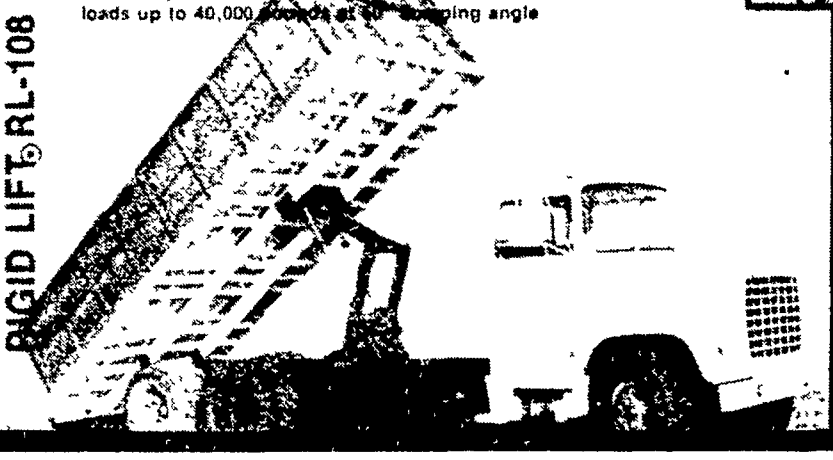

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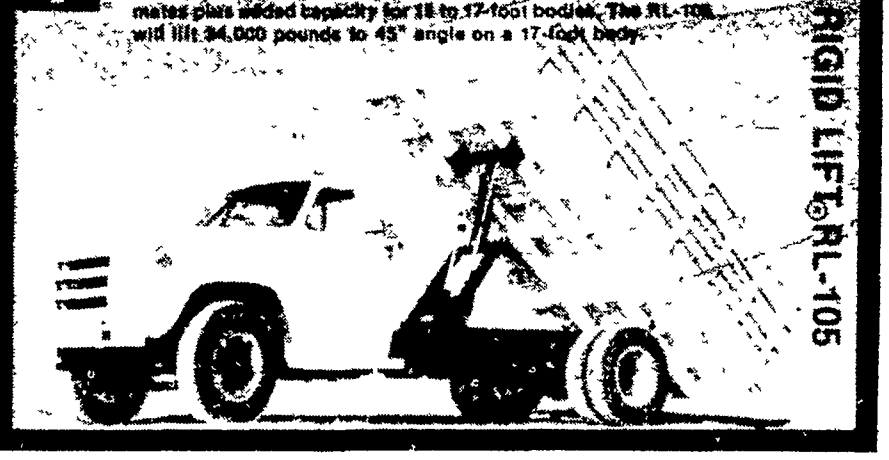

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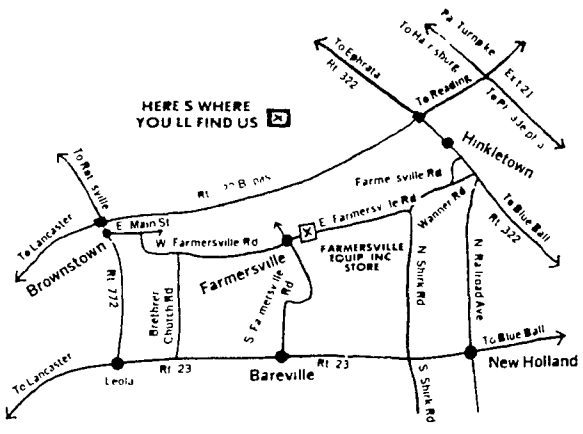

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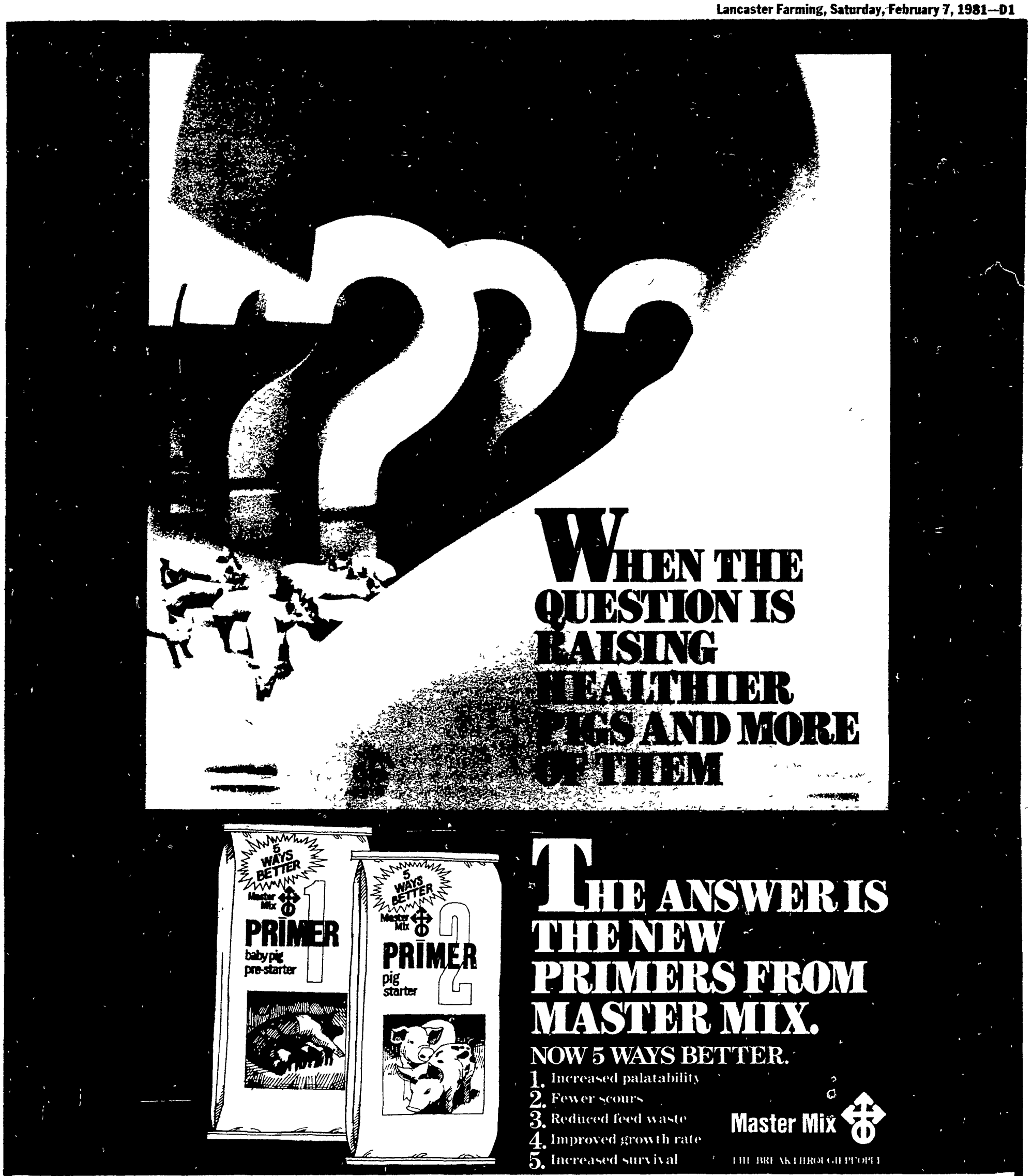

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Livestockmen see interest rates, weather as keys to 1981 success

HILTON HEAD ISLAND, S.C. — Interest rates and weather conditions are keys to the success of the livestock economy in 1981, directors of Livestock Marketing Association said here recently.

The nine directors, all veteran marketing businessmen from across the U.S. and Canada, were participating in a region by region "Marketing Outlook '81" session at LMA's annual meetings

Several factors were discussed as having a potential impact on the livestock economy But the general consensus was expressed by James E. "Ed" Frost, Springfield, Mo., when he said "moisture interest rates are going to be determining factors in the price and supplies of livestock."

A prime rate in the mid-teens could add from $5-$10 cwt. to the returns on 1981 light calves and yearling cattle, and from $50-$100 per head on stocker cattle, he said.

Current interest rates are hurting cattle feeders who want to expand their operations, said Wayne F. Craig, of Shippensburg.

Lex Rutherford, Toronto, Ontario, said more producers are being driven into bankruptcy by high interest rates. As a result, banks are taking harder looks at prospective borrowers, especially cattle feeders.

The directors predicted the prime interest rate will drop, generally agreeing with Charles E Leask, Regina, Sask., who forecast a prime of 12-14 percent by June.

However, W.H. "Billy" Hodges, Alexandria, La., predicted the prime would stay between 16-20 percent He also said competition in the South for grazing land between cattlemen and crop producers, along with drought conditions, are keeping cattle numbers down

Joel Bennett, St. Paul, Minn., also said he was concerned that dry conditions would lead to a continuing liquidation of the cattle herd in 1981.

Met Johnson, Cedar City, Utah, said extreme drought conditions in California have reduced cattle numbers about 20-25 percent, and by about 20 percent in Arizona. Numbers are also down in Utah and Nevada, he said.

Johnson reported some banks in his area are now matching the interest rates of local Production Credit Associations in livestock loans.

Cattle numbers are down in the west and Pacific Northwest, according to Urban J "Shorty" Arnzen, Cottonwood, Idaho

"The cattle aren't there, and the yearlings aren't there this year A lot of light cattle are being kept on the ranches," he said

Both Johnson and Arnzen expressed support for the so-called "Sagebrush Rebellion," the effort of western states to gain more control over land now owned by the federal government. Permits allowing cattlemen to graze cattle on these federal lands have been reduced, causing a reduction in total cattle numbers, they said.

Frost also commented on cattle numbers, noting he witnessed from 10-15 percent cattle marketed in 1980, primarily because of severe drought conditions in the Midwest Rutherford said cattle numbers in eastern Canada are up somewhat, but the number of marketing transactions last year was down because of higher interest rates and feed costs.

Weather conditions have had a varying effect on feed and forage conditions throughout North America, according to the directors.

"If the west's mild weather continues, we could see a carryover of hay for 2-3 years," said Arnzen

Frost and Pat Kelly, Arcadia, Fla., reported, however, the hay crop is short in many parts of their regions, due to weather conditions.

Several directors called for changes in current federal and state animal health regulations. Arnzen said more uniformity in these regulations from state-to-state is critical if the marketing sector is to continue to keep livestock commerce moving.

And Hodges called for more trust between states and an end to states using health regulations as blockades to livestock commerce

Disagreement was evident on the future of electronic livestock marketing. "Although the industry is not ready for it yet, there will definitely be some sort of electronic system," Bennett said

Goat breeders to meet

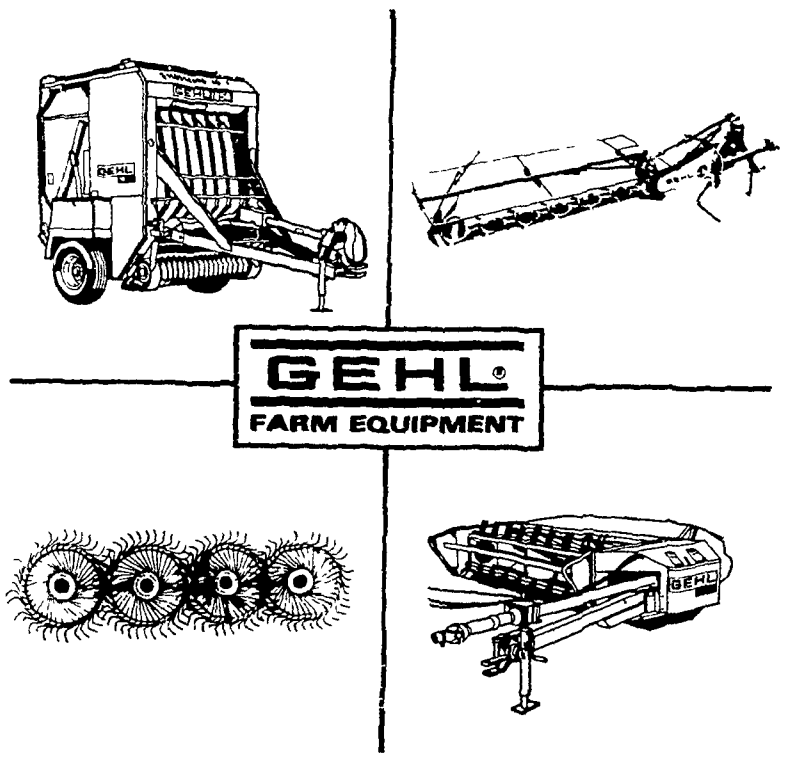
PILLOW — Heart of Penn goat breeders will celebrate Valentines Day a week early when they have a covered dish supper following their short business meeting on February 7, 1981

So that those attending don't get too hungry during the meeting the group will be called to order promptly at 8 p.m.

Anyone owning or interested in dairy goats is welcome to attend the event, whether or not they are members.

The February meeting will be held near Pillow, in the Southwestern corner of Northumberland County.

For information about the meeting or organization or for directions to the meeting place call the secretary, R. Molaro at 717/758-8359



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Farm Talk

Jerry Webb

Modern agriculture is doing some tremendous things, producing at levels not even dreamed of a few years ago. Average yields continue to increase and more and more acres are brought into our modern system of intensive cropping. Over the past few decades, small farms have given way to larger, more efficient units and the old ways have yielded to modern mechanization.

Prior to World War II, the typical farm included quite a few animals such as beef and dairy cows, draft horses, hogs, and maybe even some sheep.

But then came the era of bigness and specialization and those little farms were merged into larger units. That meant fence rows and pastureland disappeared. And rolling hills once suited only for grazing and hay production came under the plow.

As this kind of intensive agriculture continues, some conservationists are starting to worry about the future, and they're asking some pretty serious questions.

Former Secretary of Agriculture Bob Berglan says we are on a collision course with disaster. Our water supplies are being reduced, we have whole watersheds where the ground water resources are being depleted, and we have mined our soil.

In fact, he says,, the erosion of America's farmland is probably at a record rate and this simply cannot go on.

Knowlegeable experts agree with Bergland, pointing to major changes that need to be made in the way we farm our soil. And yet other knowledgeable observers point to new yield and productivity levels across the country and say that the conservation collision talk is a bunch of baloney.

No mater which side of this conservation issue you line up on, it's hard not to recognize that there is a growing national concern about soil erosion. Maybe they're ill-informed, but a lot of folks are wondering about increased erosion that's polluting our streams and lakes with silt, fertilizers and chemicals. And they're wondering whether this erosion, if left unchecked, will eventually reduce the nation's ability to produce food.

Knowledgeable or not, these concerned citizens know that soil erosion reduces agricultural productivity while at the same time polluting water and air. And those factors have serious consquences for our future security and well being

Locally, soil erosion may not be a big deal, although I suspect it's a bigger factor than most farm people want to admit. Nationally, there are some downright disgraces going on. I've seen land being farmed, in Iowa for example, that had no business being tilled. Fields that once provided excellent pasture and hay crops have been plowed and planted to corn and soybeans, and the erosion was obvious to passing motorists on the interstate.

But the push is on to get maximum yields per acre and to use every acre that's available.

Former Secretary of Agriculture Earl Butz urged farmers to plow their ground right to the fence rows. That was his way of saying we needed an all-out push to increase food output to meet domestic and foreign demands. Some farmers took him literally, plowing land that should have been left in grass.

A little erosion here and a little there adds up to one gigantic erosion problem, one that may require government action.

It took the government and its many programs to stop the erosion abuses of the 1920's and 30's, and that may be just what will be required again. When farm prices were low, land relatively cheap, government incentives strong, and when there was a surplus of farm products, it was fairly easy to change farming habits and emphasize soil conservation.

Programs that encouraged farmers to terrace, plant cover crops, provide drainage systems, and build waterways were effective. But can that be done again when farmers are anxious to till every possible inch of ground and not be worried with man-made obstacles that stand in the way of large tillage equipment?

Those in the forefront of the current soil conservation movement feel that farmers and landowners aren't apt to bite the conservation bullet on their own, and they're calling for some completely new approaches to promote better conservation.

That includes.

Direct government rules and regulations on how land can be farmed.

More government incentives to use conservation practices.

Cross-compliance with commodity programs wherein a farmer not using approved practices would not qualify for government loans.

Some of the really radical thinkers are saying farm exports should be restricted because current high commodity prices are encouraging farmers to plant marginal acres.

There are two key points that must be dealt with in an national dialogue on conservation. First, is erosion really increasing significantly; and second, if erosion is increasing, what's the best way to deal with it?

The most widely quoted statistics on soil erosion come out of a study conducted by the Soil Conservation Service following passage of the Soil and Water Resource Conservation Act of 1977.

That study points out that of the nation's 413 million acres of cropland, only two-thirds or 272 million acres are considered at a safe level of erosion, meaning that those acres are losing less than five tons of soil per acre per year. Conservationists believe on those acres, soil is being rebuilt about as fast as it's being lost.

That means that another third of our cropland is losing soil faster than it's gaining and eventually it will be worn out.

Of course, these are only estimates and there is considerable room for error. And you can find experts on both sides of the soil conservation issue.

It's my guess that soil conservation will be an important item on the national agricultural agenda during this decade and that farmers will see some new restrictions and new incentives aimed at cutting down the level of erosion whether it be considered excessive or not.

Del. veg guide now available

NEWARK, Del. — The 1981 edition of "Commercial Vegetable Production Recommendations" is now available to Delaware farmer.

The guide was prepared by the Extension Service and is intended to help commercial growers make the many managerial decisions they're faced with over the growing season.

The publication contains information on soil management, testing, liming and fertilizing; production of transplants; irrigation; air pollution injury; pesticide formulation and application; detection and control of soil pests; pesticide safety; as well as specific recommendations regarding many commercial vegetable crops.

It is not for use by home gardeners.

Commercial growers interested in obtaining a copy should contact their county extension office in Newark 302/738-2506, Dover 302/736-4675, or Georgetown 302/856-5250.

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Senate names chairmen for ag subcommittees

WASHINGTON, D C. — Senator Jesse Helms, Chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, last week announced the selection of Subcommittee Chairmen

At the same time, Chairman Helms said the Committee has agreed to a slight reorganization of the Subcommittees.

The number of Subcommittees has been increased from seven to eight.

Two new Subcommittees have been created from the former Subcommittee on Environment, Soil Conservation, and Forestry They are: Subcommittee on Soil and Water Conservation, with Senator Roger W. Jepsen of Iowa as Chairman; and Subcommittee on Forestry, Water Resources, and Environment, with Senator S I. (Sam) Hayakawa of California as Chairman.

Also, the Subcommittee on Rural Development has been explained to the Subcommittee on Rural Development, Oversight, and Investigations, with Senator Mark Andrews of North Dakota as Chairman.

The Subcommittees their chairmen and members are.

Soil and Water Conservation (Subcommittee No 1) — Senator Jepsen, chairman, with Republican Senators Thad Cochran of Mississippi and Hayakawa, and Democrat Senators Howell Heflin of Alabama and Walter D (Dee) Huddleston of Kentucky, who is also ranking Minority member of the full Committee.

Agricultural Credit and Rural Electrification (Subcommittee No. 2) — Senator Paula Hawkins of Florida, Chairman, with Republican Senators Jepsen and Andrews; and Democrat Senators Edward Zorinsky of Nebraska, Heflin, and David L. Boren of Oklahoma.

Agricultural Production, Marketing and Stabilization of Prices (Subcommittee No. 3) — Senator Cochran, Chairman, with Republican Senators Helms of North Carolina, Andrews, Rudy Boschwitz of Minnesota, and Mrs Hawkins; and Democrat Senators Huddleston, Zorinsky, John Melcher of Montana, Alan J Dixon of Illinois, and Patrick J Leahy of Vermont.

Agricultural Research and General Legislation (Subcommittee No 4) — Senator Richard G. Lugar of Indiana, Chairman, with Republican Senators Bob Dole of Kansas, Hayakawa, Boschwitz and Andrews; and Democrat Senators Boren, Huddleston, David Pryor or Arkansas, and Heflin.

Rural Development, Oversight and Investigations (Subcommittee No 5) — Senator Andrews, Chairman, with Republican Senators Lugar and Boschwitz, and Democrat Senators Pryor and Leahy

Foreign Agricultural Policy (Subcommittee No 6) — Senator Boschwitz, Chairman, with Republican Senators Lugar, Cochran, Dole, Jepsen, and Mrs Hawkins, and Democrat Senators Dixon, Pryor, Boren and Zorinsky

Nutrition (Subcommittee No 7) — Senator Dole, Chairman, with Republican Senators Hayakawa, Lugar and Mrs. Hawkins, and Democrat Senators Leahy, Melcher and Dixon

Forestry, Water Resources, and Environment (Subcommittee No 8) — Senator Hayakawa, Chairman, with Republican Senator Jepsen; and Democrat Senator Melcher.

The Committee also adopted rules for this Session of Congress, which are identical to those of the 96th Congress, and approved the Committee's internal operating budget.

Take credit for your work - sign it

MEDIA — If you are an amateur artist or craftsperson, you should sign and date all your work, no matter what it is, says Maryetta Dorricott, Delaware County home economist

Most people sign or at least initial paintings, but they often neglect to identify other works as their own Yet countless hours go into the making of a quilt, or a ceramic pot or a piece of silver jewelry and most of us hope our work will be handed down to future generations.

The way you sign your work should be compatible with the work itself. For example, functional items usually have signatures hidden or worked into the design The signature should always be in proportion to the size of the object A tiny piece of metal work requires a tiny signature

Dorricott suggests that a signature could be embossed in the bottom of a piece of wooden ware A stamp may be most appropriate for metal work A quilt or braided rug may require the craftsperson to embroider the signature and date onto a small piece of cloth and stitch it to the underside of the item

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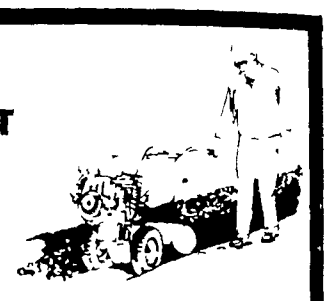

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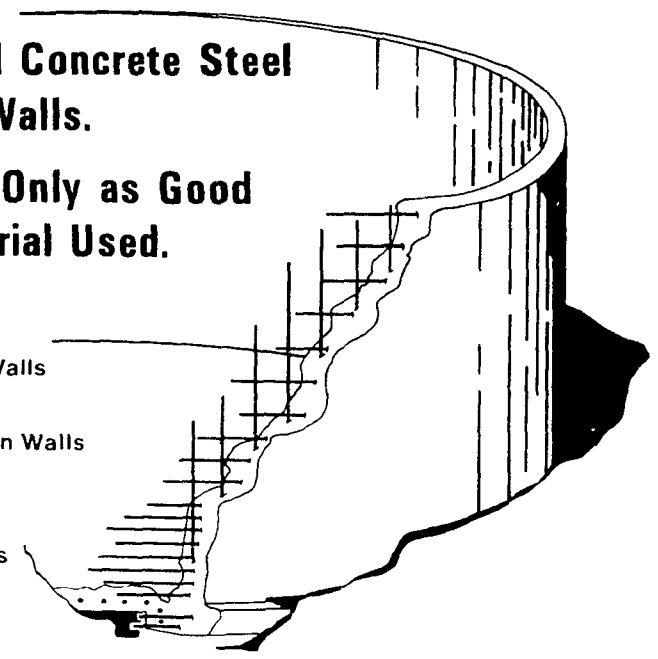

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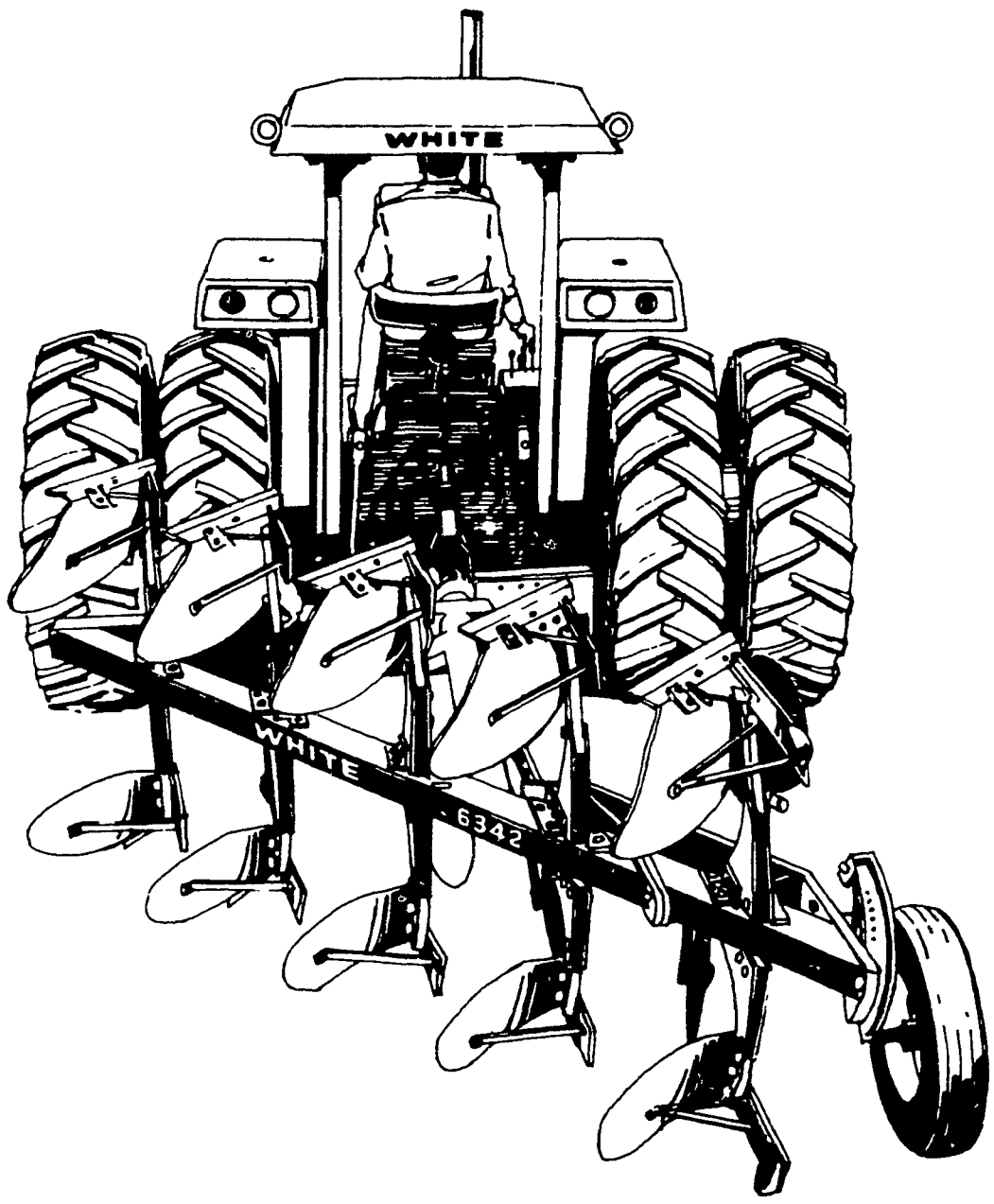

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Brief answers
to short questions

Sheila's Shorts

By Sheila Miller

Where to go for PDA logo?

Since its official debut at last year's Farm Show, the Pennsylvania Department of Agriculture logo, "We're Growing Better", has been bannered and blown up so that if anyone has missed its arrival, they must have been playing Rip Van Winkle.

The logo has served as topic and emphatic sign-off for most public appearances made by any representative of the Department, from Secretary Penrose Hallowell on down the line

In its slightly-over-one-year existance, the logo has found relatively good acceptance from wholesale and retail stores and the consumer

Its rising popularity has created a question in the minds of store owners looking to get on the logo bandwagon Namely, where do you go for the PDA promotion?

A **Lancaster Farming** reader wrote.

"I'm opening a local food market and want to know how to get in touch with the Pennsylvania food promotion logo people. What does it cost me and what do I have to promise to do?

"Can I get a farm queen to help with the ribbon cutting? What does that cost and who should I contact?"

To answer the question on where to go for the "buy Pennsylvania" campaign, I passed it to the PDA Bureau of Markets

I found out the following rules and specifications must be followed by anyone wishing to participate in the promotions program

— The Pa logo may be used only by Pa agricultural producers or processors Packages or containers bearing the logo must contain a high quality product

— Any person or firm located in Pennsylvania is eligible to use the logo The logo may be incorporated into the package or label, used in advertising; displayed in point-of-purchase material, or used in the form of a pressure sensitive label

— The logo may be used on a supermarket or store private label, at the request of a supermarket or store, providing the product is produced or being processed in Pennsylvania

— Supermarkets shall not apply the logo to any fresh produce which in their opinion does not meet high quality standards '

PDA spells out the logo must be used in its standard form, with either one or two colors which use the state colors of blue and gold

PDA will provide technical assistance to producers and processors to improve product quality And, they will assist retail stores in making available point-of-sale material, assist in promotional activities and public relations

Any processor or store violating any of the above regulations could be suspended from the logo program

For more information on logos, contact the PDA Bureau of Markets, 2301 North Cameron Street, Harrisburg, PA 17110, telephone, 717/787-4210

Concerning the commodity queen question, appearances by the farm family royalty can be arranged by contacting Betty Rode, PDA's Commodity Promotions Supervisor Her address is the same as the one previously mentioned for the Bureau of Markets Her telephone number is 717/787-6901

Having a commodity queen at the store does not cost the retail owner a cent Even the mileage for the trip comes out of the PDA promotion fund

The only thing expected of the store owner is that he or she markets the product endorsed by the particular queen visiting the store. The product should be promoted by attractive displays and perhaps a discount in price or sample give-aways.

The commodity queen program and the new PDA logo are promotional resources that have just begun to be tapped in the wholesale and retail business With stores and processors beginning to see the need to tell the Pennsylvania farm products story, consumers should be seeing more of the 'We're Growing Better" logo stickers and the smiling faces of commodity queens (and kings, I might add) in the coming months

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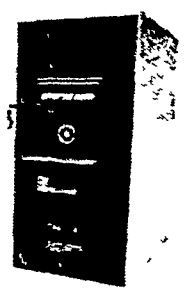

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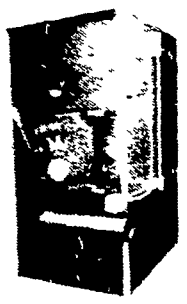

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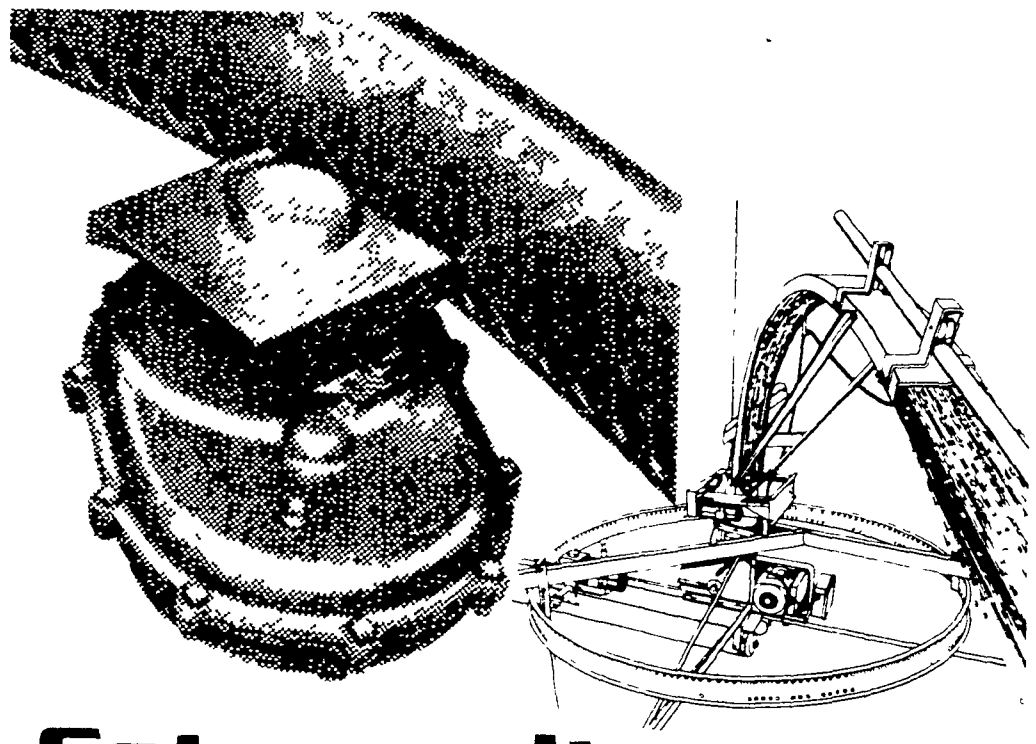

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Ephrata man to serve as Commission president

EPHRATA — Robert E. Fasnacht of Ephrata has been named president of the Pennsylvania Game Commission for another year. He had served as president of the agency in 1980.

Fasnacht, who has been a member of the commission since 1965, previously served as president of the eight-member group from 1969 until 1971. He was vice president of the commission in 1978 and 1979.

The new vice president of the Game Commission is Paul E. Hickes of Huntingdon. Hickes, who took his seat on the commission just last year, succeeds James E. Thompson of Pittsburgh.

Donald R. Craul of Lewisburg is the new secretary of the Game Commission. Craul, who also became a member of the commission in 1980, succeeds Elmr M Rinehart of Stroudsburg.

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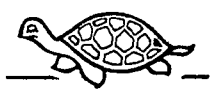

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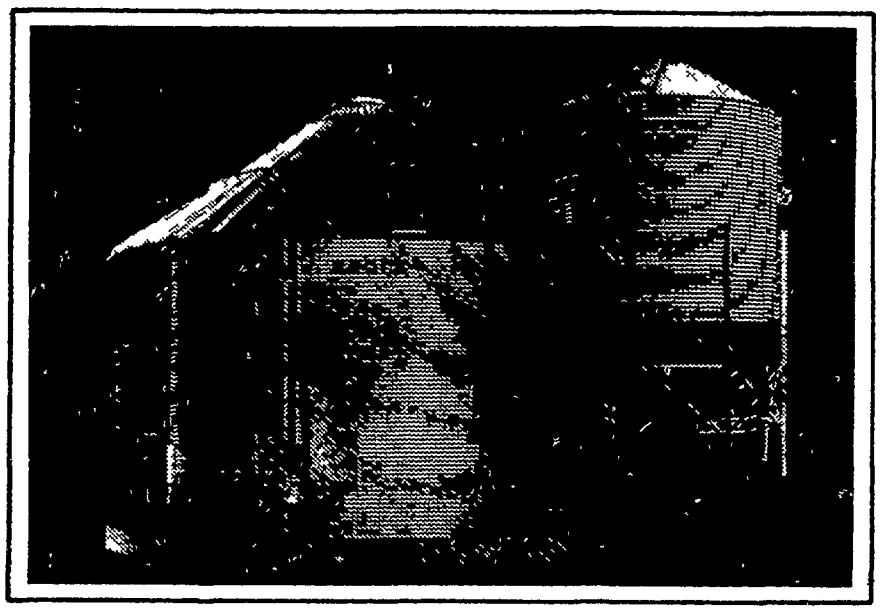

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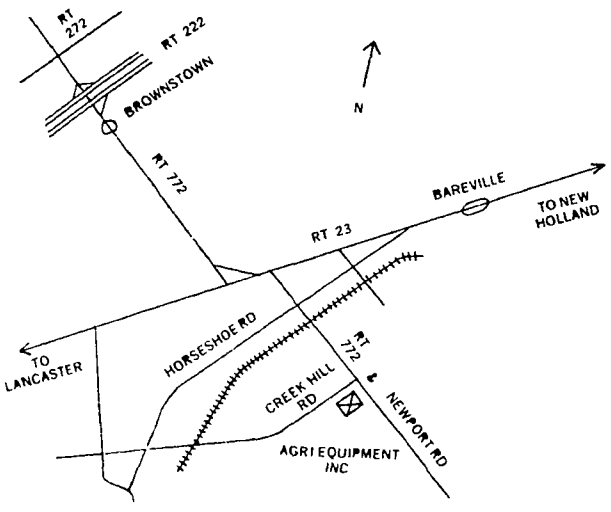

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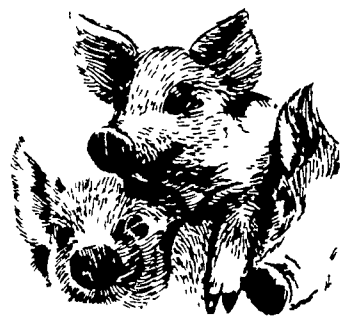

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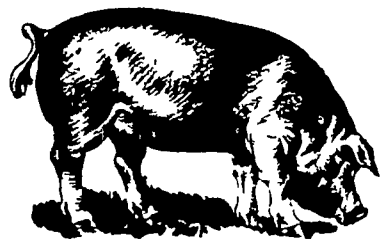

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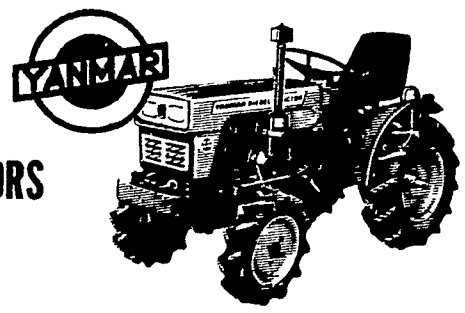

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USDA declares national swine fever emergency

LANCASTER — The U.S Department of Agriculture has declared an animal health emergency exists since the presence of African swine fever in Haiti represents a serious threat to the United States swine industry and consequently, to the national economy

Taken to initiate measures for countering spread of the highly contagious disease to the United States, its territories and possessions, the action was jointly agreed to by the out-going and incoming Administrations.

The emergency declaration specifies that the "...emergency arising out of the existence of African swine fever in Haiti, a very close neighboring country. .constitutes a threat to the swine industry of the United States."

Puerto Rico is considered especially vulnerable to ASF, because it is 'located approximately 75 miles from the Island of Hispanola, shared by Haiti and the Dominican Republic. In turn, active tourism and trade between Puerto Rico and the United States would make it difficult to prevent spread to the mainland. There is no effective vaccine or treatment for ASF.

The declaration authorizes" a program in cooperation with the Government of Haiti, and with other governments and international organizations or associations, in carrying out operations or measures to eradicate, suppress or control African swine fever in Haiti or to prevent or retard African swine fever or vectors thereof from being introduced to and disseminated into the United States."

The Haitian government has requested assistance in combatting the disease Mexico and Canada have expressed interest in cooperating in the eradication effort

ASF first invaded the western hemisphere in 1971 That outbreak, in Cuba, resulted in destruction of a half-million hogs In 1978, the disease was confirmed in the Dominican Republic, and Brazil, with Haiti becoming infected in 1979. Cuba experienced a second outbreak early in 1980, which was rapidly eliminated.

The Dominican Republic elected to slaughter its entire swine population in order to eliminate ASF.

With a loan provided by the U S Agency for International Development and technical assistance from USDA's Animal and Plant Health Inspecton Service, the slaughter program was complete in September 1980, and, after a period of surveillance, the country is now restocking with new pigs.

African swine fever is a highly contagious virus disease affecting only swine Its symptoms in the acute form include high fever, red blotches on the skin, internal bleeding, collapse of the animal and nearly 100 percent death losses in the herd.

The disease spreads rapidly like virulent forms of hog cholera. A milder, chronic form of ASF, with reduced death losses, has been experienced in some countries

The disease is spread by infected live pigs and pork products, contaminated garbage, feed or water, contaminated premises, clothing, footwear, and improper disposal of infected carcasses.

Eradication of ASF is possible only by quarantining all farms in the vicinity of an outbreak, destroying all infected and exposed swine, surveying swine herds and cleaning and disinfecting all infected and exposed farms.

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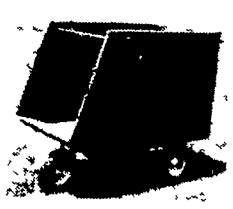

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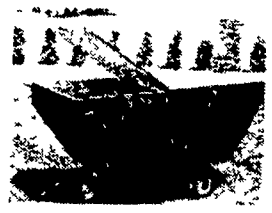

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Irish Jack is nat'l grand champ Shorthorn

DENVER, Colo. — The grand champion Shorthorn bull at the National Western Livestock Show held here recently was Lazy D Irish Jack, owned and exhibited by Sutherland Farms, Mrs. G.P. Brown Albrecht, owner, Prospect, Ky., and Lazy D Ranch, Richard Dolginow, owner, Excelsior, Mo.

The two-year-old was sired by Sutherland Ransom 179 x out of an imported Shorthorn dam from Ireland. The champ, selected by judges J.W Brune, general manager of Wingert Stock Farm, Ottawa, Ks.; Don Hutzel of the Northern Breeders' Association, Tiffin, Ohio; and George Ellis of Beartooth Ranch, Colombus, Mt., weighed in at the show at 2260 pounds with a weight per day of age record of 2.33 pounds.

AF Shannon Margie 924, the grand champion female, was sired by Duke of Swisher out of an Irish bred Shorthorn dam. She was shown by Alden Farms, George Alden & Sons, Hamilton, Mo.

The reserve grand champion bull was Green Ridge Prince R19, sired by HHKA Buttercup's Prince 20th and exhibited by Jerry Taylor Family Shorthorns, Prairie City, Ill., and Calvin Hiatt, Jr., & Sons, Cicero, In. Certainly no stranger to the winner's circle, this two-year-old bull has been reserve grand champion at nine major shows. He weighed in at Denver at 2230 pounds.

Sangamon F Caroline P x, sired by GX Spiro's Plumber 528 x, and exhibited by T.H. Snethen, Dewittville, N.Y., was the reserve grand champion female. This summer yearling female is out of the Caroline cow family which has been very successful in the Snethen breeding program.

Other bull champions included: Junior Champion bull - The R. Lee Johnson Family, Fredericktown, Oh.; Reserve Junior Champion bull - Tacoma Cattle Co., Ashland, Mo., and Scherer's Shorthorns, Fowler, In.; Calf Champion bull - Joseph Gilbraith & Sons, Atkinson, Il.; Reserve Calf Champion bull - Alden Farms.

Other female champions included: Calf Champion female - Stanley Harper, Oregon, Il.; Reserve Calf Champion female - Robert Hahn & Sons, Minonk, Il.

David Scott, Leon, Ia., captured both the top honors in the Shorthorn Junior show. His summer yearling entry, JSF 792 Lassie 28M, was named the grand champion, while his junior yearling, McKee's PA Anna 8th, was moved to the reserve grand champion spot.

Champion Shorthorn steer was exhibited by Dave Carlson of Edwards, Il., and the reserve champion steer of the breed was shown by Terry Eads, Lagro, In.

Class placings included:

Spring Heifer Calves

1 R Lee Johnson Family 2 Rex Cates & Family Modoc In 3 Larry Osteen Duncanville Tx 4 Ewald Bros Waldorf, Mn 5 Lazy D Ranch

Junior Heifer Calves

1 Jill Ehrnthaller Toluca Il 2 Carl Jordan & Family Rensselaer In 3 Fieser s Polled Shorthorns Plains Ks 4 Alden Farms 5 Mike Newham Norborne Mo

Winter Heifer Calves

1 Robert Hahn & Sons 2 Torgerson Bros Austin Mn 3 Gip Gafford Duncanville Tx 4 Torgerson Bros 5 R Lee Johnson Family

Senior Heifer Calves

1 Stanley Harper 2 Joseph Gilbraith & Sons 3 Darrel Steck & Sons Wataga Ill 4 Bob Carter Duncanville Tx

Summer Yearling Females

1 T H Snethen 2 Rob Johnson Fredericktown Oh 3 R Lee Johnson Family 4 David Scott JSF Shorthorns 5 Double J Shorthorns Glen & Ray Johnson Little York Il

Late Spring Yearling Females

1 Alden Farms 2 Carl Jordan & Family 3 T H Snethen 4 R Lee Johnson Family 5 David Scott

Early Spring Yearling Females

1 David Scott JSF Shorthorns 2 Carl Jordan & Family 3 Ewald Bros 4 Kevin Griffin Duncanville Tx 5 Willow Crest Shorthorns Polo Il

Junior Yearling Females

1 R Lee Johnson Family 2 Cheryl Repp St John Wa 3 John Meisner Jerseyville Il

Group of Two Females

1 Carl Jordan & Family 2 T H Snethen 3 Alden Farms 4 Torgerson Bros 5 R Lee Johnson Family

Spring Bull Calves

1 Bender Shorthorns Neudorf Sask Can 2 Torgerson Bros 3 Leonard Adams Hartley Ia and Deer Trail Ranch Ed Grathwohl Powhattan Ks 4 Gary Mobley Prospect Ky 5 Don Cardey Merced Ca

Junior Bull Calves

1 Alden Farms, 2 Robert Dahl Polo Acre Farms Gruver Tx and J W Holmes Tolar Tx 3 Carl Jordan & Family 4 Tom Scott JSF Shorthorns 5 Melvin Norfleet Mt Pleasant Tx

Winter Bull Calves

1 Lazy D Ranch 2 Seven T s Polled Shorthorns Yukon Ok 3 Dale & Richard Studer Wesley Ia 4 Mary and J O Bass III Plainview Tx 5 McKee Family Shorthorns Indianola Ia

Senior Bull Calves

1 Joseph Gilbraith & Sons 2 Harold Hoskins Centralia Ks 3 Torgerson Bros 4 Rex Cates & Family 5 Joseph Ehrnthaller Toluca Il

Summer Yearling Bulls

1 Walter J Hoyt & Sons Burns Or 2 R Lee Johnson Family 3 T H Snethen 4 Lonny Flack Nevada Ia 5 Willow Crest Shorthorns

Late Spring Yearling Bulls

1 M & S Shorthorns Allenton Ia 2 T H Snethen 3 R Lee Johnson Family 4 Curtis Farm Cookeville Tn 5 Carl Jordan & Family

Early Spring Yearling Bulls

1 R Lee Johnson Family 2 Explosion Cattle Co Clarendon Tx 3 Darrel Steck & Sons 4 Deer Trail Ranch 5 Huberdale Farms Lipton Sask Can and Alan Muirhead & Sons, Shellbrook Sask Can

Junior Yearling Bulls

1 Scherer s Shorthorns and Tacoma Cattle Co 2 3 Carl Jordan & Family 4 Sutherland Farms

Senior Yearling Bulls

1 Walter J Hoyt & Sons 2 T H Snethen 3 Paul Janusick Lostant Il 4 Dale & Richard Studer

Two Year Old Bulls

1 Sutherland Farms and Lazy D Ranch 2 Jerry Taylor Family Shorthorns and Calvin Hiatt Jr & Sons 3 Double J Shorthorns 4 Horseshoe Creek Farms Ltd Goodwater Sask Can 5 Steve Haywood Union Ia

Group of Two Bulls

1 T H Snethen 2 Carl Jordan & Family 3 Alden Farms 4 R Lee Johnson Family 5 Torgerson Bros

Get of Sire

1 Carl Jordan & Family 2 T H Snethen 3 Alden Farms 4 R Lee Johnson Family 5 Torgerson Bros

Best Six Head

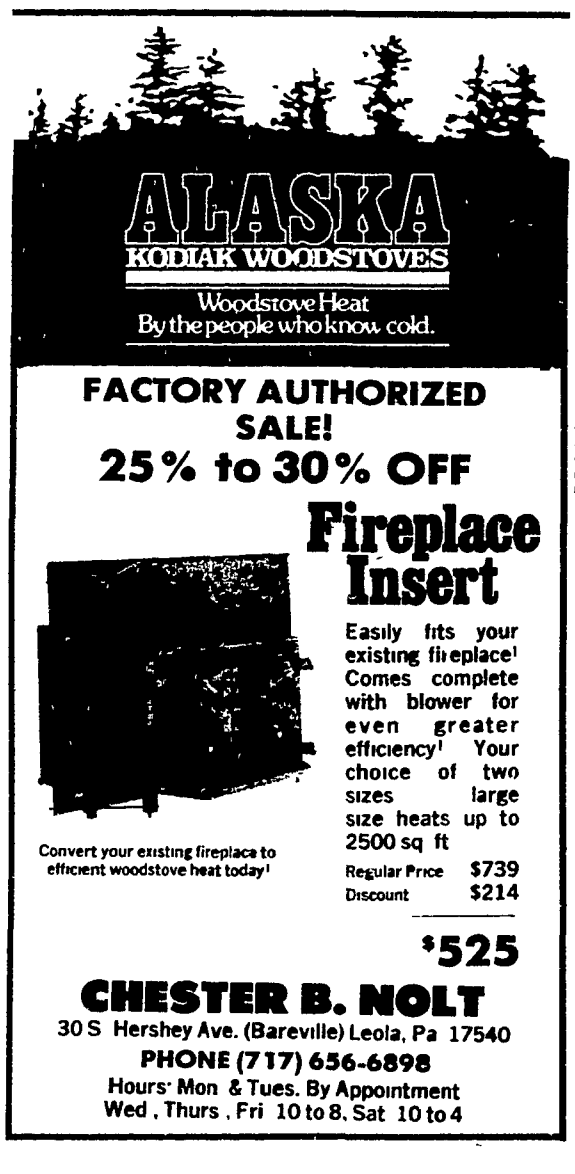
1 Carl Jordan & Family 2 Alden Farms 3 T H Snethen 4 R Lee Johnson Family

Pollution to be studied

LEBANON — Farms in the Tulpehocken, Chickies and Cocalico Creek watersheds will be surveyed during the coming year concerning the use of conservation practices, livestock manure management and the use of agricultural chemicals.

The survey will be conducted to identify pollution problems and to determine if public funds should be used to help farmers protect the water quality of the watersheds, according to Donald Bollinger, chairman of the Lebanon County Conservation District.

The land use survey will be conducted by the Department of Environmental Resources under contract to the Conservation District.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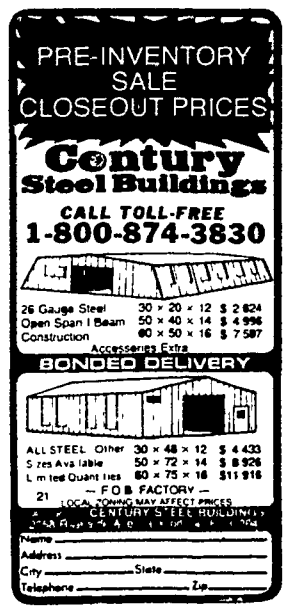
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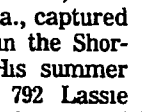

Southcentral area suffering most

Wintertime drought setting dry records

COLLEGE PARK, Md. — The mid-Atlantic area didn't really set any all-time high temperatures during last summer's hot weather. But it is currently in the midst of shattering records throughout the state in the wintertime drought category

So says W. Joseph Moyer, state climatologist and agronomy department faculty member at the University of Maryland in College Park.

Moyer's records show that precipitation for December and January at 12 reporting stations averaged less than 25 percent of normal. Only Cumberland and Oakland, in Maryland's two westernmost counties, were above this figure.

Those two locations had precipitation figures at 29 and 28 percent of normal, respectively, thanks to heavy snowfalls beginning on December 19 Surprisingly, the snow cover still persists in Garrett county, although the ice in Deep Creek Lake was beginning to breakup during the mild weather of late January.

Rain this week helped somewhat, but there still is a long way to go.

Moyer reports the previous all-time low precipitation marks for December and January at most Maryland locations were set during the winter of 1955-56 At Oakland, the record was set in 1966-67, while at Hagerstown it was established in 1937-38

The oldest marks were established in 1889-90 at College Park, 1893-94 at Cumberland, and 1871-72 at Frederick.

All of the wintertime drought marks except the one at Cumberland have now been broken, Moyer said

He noted the Maryland situation is part of a national dry-weather pattern that extends all the way from the Rocky Mountains in the West to the Mid-Atlantic area in the East. The Mid-Atlantic drought belt extends from southeastern New York state, across northern New Jersey, southeastern Pennsylvania, the eastern two-thirds of Maryland, and into central Virginia

South central Pennsylvania has been suffering even more than Maryland, Moyer said, having been declared an area of extreme drought according to the Palmer index, a measure of prolonged and abnormal moisture deficiency used by the National Weather Service

The same index classifies most of Maryland east of Cumberland as a severe drought area–slightly less serious then the Pennsylvania situation

This winter's lack of precipitation in Maryland means that there is no recharging of ground water supplies, already in short supply due to drought conditions which have persisted over most of the state since last summer Again, only extreme western Maryland escaped that situation.

Total precipitation at Oakland during 1980 was more than 2 5 inches above normal, while precipitation over the rest of the state was mostly 2 5 to 4 inches below normal. Upper Marlboro (Prince Georges county) and the nearby National Airport at Washington, D C, had precipitation totals that were more than 9 5 inches below normal

Does all of this infer a summertime drought even worse then the one last year?

That's possible, Moyer agrees On the other hand, look at what happened in the summer of 1956 after an extremely dry winter which set most of the previous drought records

Moyer's archives show that 1956 rainfall was plentiful in June and extremely heavy in July. This brought total precipitation for the year up to normal for most of the state and above normal both on the Eastern Shore and in extreme western Maryland

Statistics from the Maryland Crop Reporting Service show that both corn and soybeans set what were then new yield records for the state in 1956. The average yield for soybeans that year was 25 bushels per acre, compared with 21 bushels per acre in 1955. Meanwhile, the state's average corn yield ballooned from 40.5 bushels per acre in 1955 to 60 bushels per acre in 1956.

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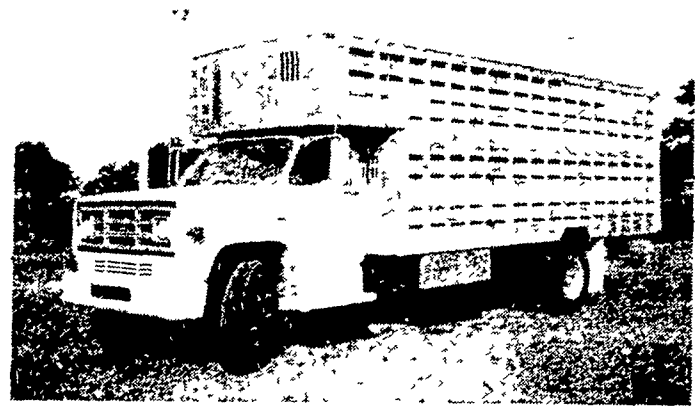

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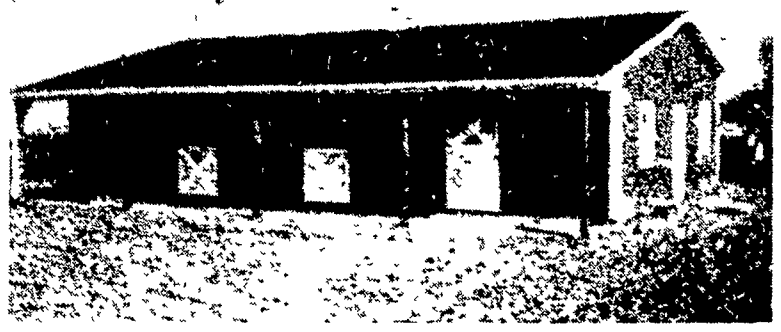

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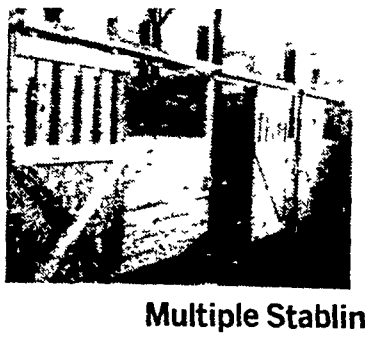

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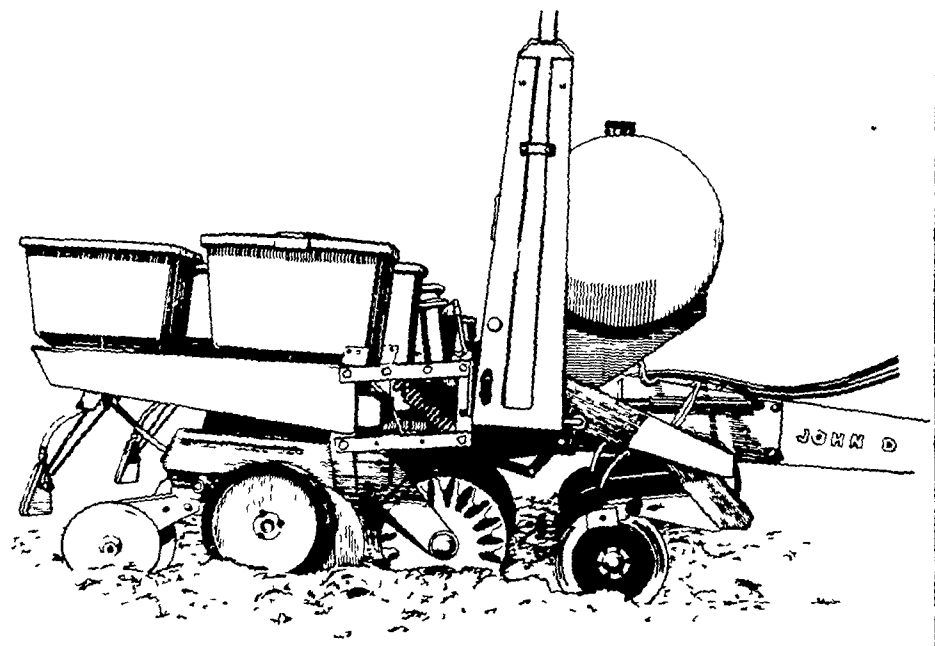

John Deere's Max-Emerge Conservation Planters, available in 4-row adjustable (30- to 40-inch rows), 6-row narrow or wide, and 8-row narrow models, give you a rugged planter you can rely on in conditions like sod or stubble.

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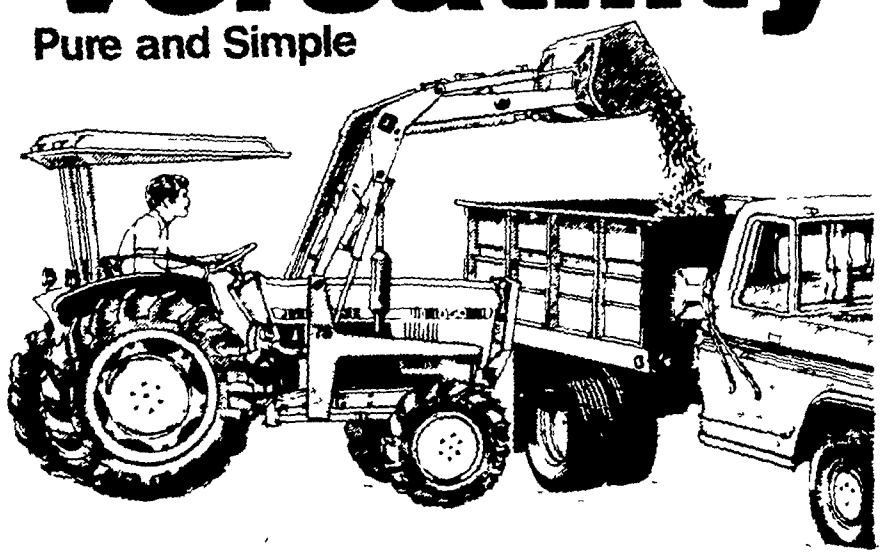

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*Maximum PTO horsepower at 2600 engine rpm for the 850, 2400 engine rpm for the 950 and 1050 by official test.

PMMB study makes critical recommendations

HARRISBURG — A critical study of the Pennsylvania Milk Marketing Board submitted to Common Cause recommends sweeping changes in the board to make it more receptive to consumer interests in the Commonwealth.

The study, prepared by Amy Leader, recommends:

—Accountability to consumers be increased by designating attorneys to represent consumers at all hearings and changing the membership of the board to equally represent milk industry and consumer interests.

--Eliminate the board's responsibility for setting prices.

—Continue the board's auditing and health maintenance functions, but place them under the Pennsylvania Department of Agriculture.

In recommending these changes, the study points out that the makeup of the board is quite different from similar groups in other states.

The Pennsylvania Milk Marketing Board has two industry members and one consumer member, with two needed for a quorum.

In Virginia, the group has two dairy and three consumer members, with three constituting a quorum.

North Carolina's State Milk Commission has equal membership for consumer and industry members.

In Maine's commission of five members, there are the Commissioner of Agriculture and four members who have no connection or dealings with any organization or person whose activities are subject to the jurisdiction of the commisssion.

The study also asks some very controversial questions about the need and the activities of the PMMB. Among them:

Is a milk marketing agency needed today, or is it merely an economic anacharanism left over from the Depression?

Has fifty years of operation failed to stabilize the milk industry?

Should not the market be determining consumer milk prices, rather than three individuals, two of whom are active or former members of the dairy industry?

Is the $875,000 allocation from the General Fund expended by the board in a manner which upholds the interests of the industry and the consuming public?

The study contends that eliminating the board's price fixing powers would also help weed out small predominantly inefficient dairy farms which would be unable to effectively compete.

And milk prices would probably decrease, according to the study.

The study cites the recent anti-milk marketing testimony given by Lehigh Valley Farms at hearings in Philadelphia in September.

The study asks and answers another critical question.

Does consumer representation at hearings affect the outcome of the board's price orders?

Most definitely is the study's answer.

The Philadelphia and Pittsburgh areas are the only two places in Pennsylvania where consumers are adequately represented at hearings. Philadelphia has the lowest milk prices in the state and Pittsburgh has the second lowest.

Actually, according to the study, the opposite should be true. Philadelphia should have the highest prices in the state.

The study also criticizes the costly and time-consuming hearing process.

Citing specific instances in hearings by the board, the study describes them as following formal procedure, but with a formality bordering on comedy.

Delmarva to hold safety seminar

DELMAR, Md. — The fourth Annual Delmarva Safety Seminar will be held on Febryary 24 at the Delmarva Convention Hall in Delmar, Md.

There will be three workshops this year, each of which will be led by safety experts and professionals. Topics covered will include noise abatement, safety motivation, welding safety, fleet safety, fire prevention and suppression, and electrical safety. Attendees are encouraged to participate in the discussion.

Cutting looses is a major challenge for business and industrial leaders.

Many companies are seeing disproportionate increases in losses related to worker compensation, product liability, vehicle accidents, and fires, says University of Delaware extension safety specialist Ron Jester.

To help Delmarva industries and businesses curb these losses,the seminar will look at such control measures as developing a better understanding of hazards in the workplace, and training and motivating employees.

Last year's national accident statistics indicate that over 13,000 died in work-related accidents, and 2,200,000 sustained disabling injuries. These amounted to costs in excess of $23 billion.

This seminar will offer a practical, front-line approach to safety that will help combat such losses. There will also be an exhibit hall.

The seminar is sponsored by the Delaware Extension Service, in conjunction with the Delmarva Safety Association, Maryland Extension Service, Delaware State Fire School, Delmarva Poultry Industry, and several other organizations and companies along the Shore.

The $10 registration fee covers the luncheon, coffee breaks, and an education packet.

For additional information or for registration material, call Ron Jester at 302/856-5250 or write to him at: University of Delaware Substation, R2, Box 48, Georgetown, De. 19947.

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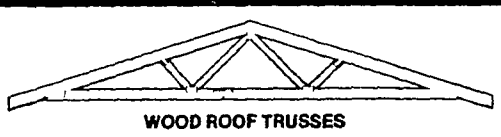

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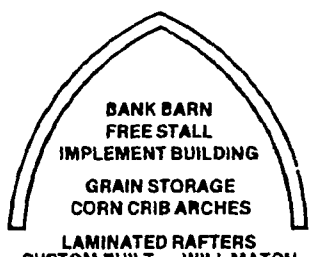

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Q. What do you mean when you advertise that Hoffman Formulas are "Balanced Blends?"

A. First, that the percentage of legumes versus grasses is practical. When we began our Formula program in 1963, we reviewed forage seeding suggestions of the northeastern agricultural colleges. Our basic grass/legume percentages represent a practical consensus of Eastern professional thinking.

Second, the varieties are matched maturity wise. One ingredient should not be old and woody before the others are ready to cut. Customers want quality hay

And, third, we use modern blending equipment to make sure the blend of different seeds is uniform and the inoculating material is well distributed.

Q. Are Hoffman Formulas certified?

A. No. But a considerable proportion of the seed we use in Formulas is certified. Our purity and germination standards are up to or above certified standards. The Hoffman tag on our branded products carries just as much weight in the minds of most customers as does a certification tag

Q. It seems unusual that you sell 13 different Formulas, when some other companies only have three or four ready-made mixtures. What's the reason?

A. First . maybe the other company sells only over a limited area We cover from Virginia through Maine

Second . maybe the other company doesn't want to bother with blends having limited sales potential. We aim to serve all Hoffman customers with all of their needs.

Third . it's simpler to make up three or four blends that will do a pretty fair job over a wide set of circumstances. However, we want to handle each specific situation with the best combination we can develop to do that particular job. We think it takes 13 Formulas to do that.

Q. Your suggested seeding rates seem a little higher than those recommended by experiment stations. Why?

A. Our aim is to have the customer grow the best crop he can The cost of seed is a minor part of the farmer's investment in his new seeding. Spread over several years, the per acre cost of a few extra pounds of seed is negligible. And under adverse conditions — questionable seedbed — unfavorable weather, etc., a heavy seeding can definitely come through better than a light seeding So, it doesn't make sense to risk seeding too little. Surveys indicate many farmers figure it's good insurance to seed a little heavier than experiment station suggestions So do we.

Q. Some people think ready-mixed formulations offer seed companies an easy way to market sub-standard seeds. Is this true?

A. No way is it true here. I don't know what competitors do. But I know exactly what Hoffman does. We use nothing but top quality seeds. We blend for top performance. We take no chances of tarnishing our 80-year record for quality. It's always been that way here at Landisville It will stay that way as long as I'm around.

PRE-INOCULATED HOFFMAN Balanced Blend FORMULA

HOFFMAN SEEDS, INC.
LANDISVILLE, PENNSYLVANIA 17538
ASSOCIATE PRODUCER AND DISTRIBUTOR OF FUNK'S G-HYBRIDS

Mifflin Co. DHIA Report

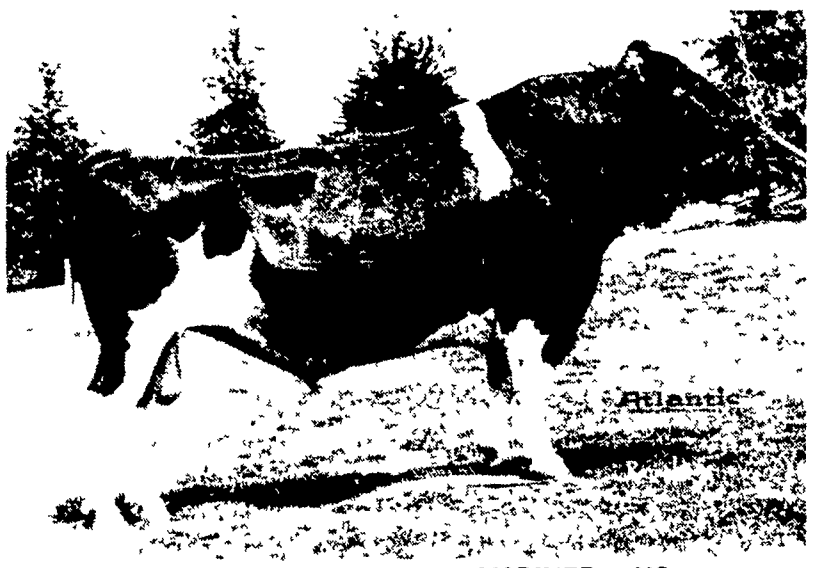
December 1980

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT
Robert Stayrock	H	22 7	92 0	60 6	2 46
Audrey Gay Rodgers	H	18 8	106 0	56 6	2 13
E Clair Fisher	H	40 2	91 0	53 9	2 08
Merle E Yoder	H	37 3	92 0	51 8	2 07
John Y Bawel	H	18 2	91 1	53 8	2 00
G Sheldon Peachey	H	39 8	91 7	51 8	1 99
Joshua D Yoder	H	53 1	90 9	50 6	1 98
Kore E Yoder	H	52 0	91 5	50 0	1 96
John A Yoder	H	39 0	97 4	50 6	1 92
Paul H Yoder	H	52 9	90 5	49 4	1 90
John A Peachey	H	56 0	88 8	52 4	1 87
Mark S Yoder	H	87 1	86 8	43 7	1 84
J Loren Yoder	H	29 9	91 8	44 9	1 84
Dry House Farm	H	103 2	83 0	45 4	1 83
John M Byler Jr	H	38 8	84 9	45 6	1 83
Moses J Zook	H	37 9	88 8	51 0	1 82
John L King	H	43 1	91 2	46 7	1 81
Charles L Forgy	H	41 8	93 6	45 1	1 81
J Elrose Glick	H	38 3	93 8	45 9	1 80
Percy S Yoder	H	78 4	83 8	48 6	1 80
David R Spicher	H	68 6	81 7	46 3	1 80
James G Laughlin	H	42 0	89 8	44 4	1 79
Charles L Forgy	H	42 0	90 9	45 3	1 78
Mark R Yoder	H	139 0	89 4	43 7	1 76
Joseph E Kurtz	Mix	47 5	90 7	46 7	1 76
Hollo Home Farm	H	73 7	89 9	39 3	1 76
James L Hostetter	H	43 0	90 9	44 6	1 75
Jacob C Speicher	H	76 6	89 1	46 8	1 75
Harold Aungst	H	124 5	86 9	47 4	1 74
Kore J Peachey	H	54 9	90 3	42 8	1 72
Joseph Byler	Mix	62 9	81 3	44 2	1 72
Frank J Hartzler	H	50 7	90 8	46 8	1 72
Audrey Gay Rodgers	H	17 2	85 4	44 7	1 71
John P Bradford	H	59 8	85 6	45 7	1 70
John K Kauffman	H	66 7	84 7	45 4	1 69
Irvin H Fleming	H	93 4	88 5	42 0	1 67
Bradstead Farm	H	35 3	85 4	41 7	1 66
L J Dunmire Sons	H	90 3	89 7	41 0	1 65
David T Hostetler	H	61 0	91 1	42 8	1 63
James A Spangler	H	35 7	88 5	43 0	1 61
Leon K Donahey	H	55 5	93 3	41 3	1 61
Louis S Yoder	H	45 0	90 1	38 3	1 61
Stephen Zook Jr	H	55 5	91 4	42 7	1 60
Jesse S Yoder	H	40 0	89 7	41 8	1 59
Clarence Wagner	H	88 5	83 7	43 7	1 57
David W Yoder	H	62 9	76 4	39 3	1 57
Gary Moist	H	47 0	91 1	39 7	1 56
Aquilla I Yoder	H	66 9	92 0	41 6	1 56
Harold Aungst	H	127 7	82 5	40 6	1 53
Julia A King	H	39 3	88 3	35 2	1 53
Floyd J Yoder	H	26 2	81 6	43 2	1 53
David L Mitchell	H	89 1	88 2	41 8	1 51
David Peachey	H	64 9	89 5	43 5	1 51
Peachee Farms	H	67 2	81 0	37 6	1 50
Leroy Kauffman	H	53 3	82 8	42 1	1 50
R M & Wm R Ammon	H	77 9	78 4	39 0	1 50
J D Glick	H	31 0	79 8	37 4	1 50
Peter Damicantonio	H	10 9	84 7	36 2	1 48
John B Peachey	H	72 1	85 8	41 9	1 48
Simon J Peachey	H	60 5	77 9	35 3	1 44
Ezra B Kanagy	H	25 4	78 3	36 5	1 44
Willard J Peachey	H	59 1	88 5	34 4	1 43
Marvin R Kanagy	H	43 5	80 0	36 0	1 43
James O Reed	H	31 2	88 8	33 9	1 40
John M Byler, Jr	H	37 0	74 6	34 4	1 39
Joseph Byler	Mix	68 6	72 0	36 7	1 38
Roger Parkes	H	62 4	86 2	35 6	1 36

OWNER NAME OR NO	BREED	AGE	LBS MILK	LBS FAT
Merle E Yoder				
Hettie	H	9-3	17,102	633
Peachee Farms				
Samanta	H	5-4	19,917	706
Pansy	H	5 2	20,367	840
Nancy	H	3 3	18,909	703
Stacie	H	3 6	15,267	619
Faith	H	3 11	16,070	602
Queen	H	3-5	19,028	792
Irvin H Fleming				
Norma	H	5 2	16,455	670
Krispy	H	2 6	17,412	627
James A Spangler				
Janet	H	8 4	18,637	684
Libby	H	8 2	17,546	619
J Elrose Glick				
Zita	H	5 3	16 764	649
Mark R Yoder				
Lavina	H	7 11	20,667	637
Dilcey	H	2 1	17,693	665
Dina	H	2 1	15,323	619
Percey S Yoder				
Martha	H	11 2	18,701	783
Rose	H	6 2	28 684	850
Irene	H	6 2	19,603	726
Elevati	H	3 3	21,638	829
Harold Aungst				
281	H	9 8	16,986	616
283	H	7 0	17,601	669
309	H	4 7	20,327	772
310	H	4 4	18,556	685
311	H	4 2	18,389	722
354	H	5 10	17,914	699
364	H	3 5	17,619	621
365	H	3 5	14,954	652
423	H	2 2	15 956	602
Leon K Donahey				
Pete	H	6 0	22,368	673
Popcorn	H	3 5	15,174	607
Kore J Peachey				
Peggy	H	5 7	20,253	835
Dorcas	H	4 6	22 158	864
James H Allison				
Meg	H	5 1	19,271	682
Countes	H	3 0	16 247	627
Joseph Byler				
245	H	7 4	24 773	821
76	H	2 5	17 282	601
Leroy Kauffman				
Hope	H	8 0	18,062	792
Mary	H	4 8	21,450	738
Tina	H	3 4	20 847	650
Bradstead Farm				
Shirley	H	4-0	17,760	661
John P Bradford				
Bessie	H	5-4	17,440	682
Mabel	H	3 1	16,616	605
David R Spicher				
Mid	H	10 5	21,357	739
Carla	H	2 1	13,937	624
Brenda	H	2 1	14,015	712
Fred C Myers				
Dewdrop	H	11-0	17,285	820
Flicka	H	7 0	12,655	621
Raindrop	H	3 10	13,762	638
Stephen Zook Jr				
Lady	H	5 2	16,151	635
John L King				
Cresent	H	10-1	15,580	743
Jenny	H	6-1	16,106	708
Carrie	H	3 4	16,117	660
R M & Wm R Ammon				
Joyce	H	7 4	17,757	634
Joey	H	5 4	16,140	619
Jolly	H	4 5	17,292	626
Julia A King				
Louann	H	7 0	18,143	830
Marsha	H	6-8	18,218	668
Lill	H	5 6	14,838	660
Verna	H	4 10	18,787	849
Milly	H	4 5	17,938	743
Sadie	H	4 2	15,225	613
Floyd J Yoder				
Gladys	H	6 10	19,779	750
Rainbow	H	5-5	21,551	726
Joshua D Yoder				
Wilma	H	5 6	22,029	699
Jackie	H	3-3	14,839	617
Amy	H	6-2	17 565	699
Louis S Yoder				
Bonnie	H	3 11	18 139	681
Lina	H	3 3	18,620	697
L J Dunmire Sons				
295	H	9 2	16,164	720
341	H	7 1	17,070	602
394	H	4-8	19,131	721
426	H	3 3	16,429	671
Clarence Wagner				
47	H	6 9	13,788	620
26	H	5 0	18 996	665
73	H	4 0	17,972	710
91	H	2-3	17,149	670
William S Kenepp				
Pam	H	8 2	17,239	686
James L Hostetter				
Dawn	H	2-10	18,103	615
Mark S Yoder				
360	H	5 5	16,816	643
436	H	3 1	17,450	689
27	H	3 0	14,916	617
Delmar King				
33	H	6 1	15,951	687
5	H	5 7	20,375	721
62	H	3-10	20,154	745
Frank J Hartzler				
Gwen	H	3 10	20,705	653
John B Peachey				
105	H	3 3	15,029	689
E Clair Fisher				
Pet	H	6-7	17,086	666
Little Em	H	5-2	20,433	857
Brett	H	4-2	19,452	682

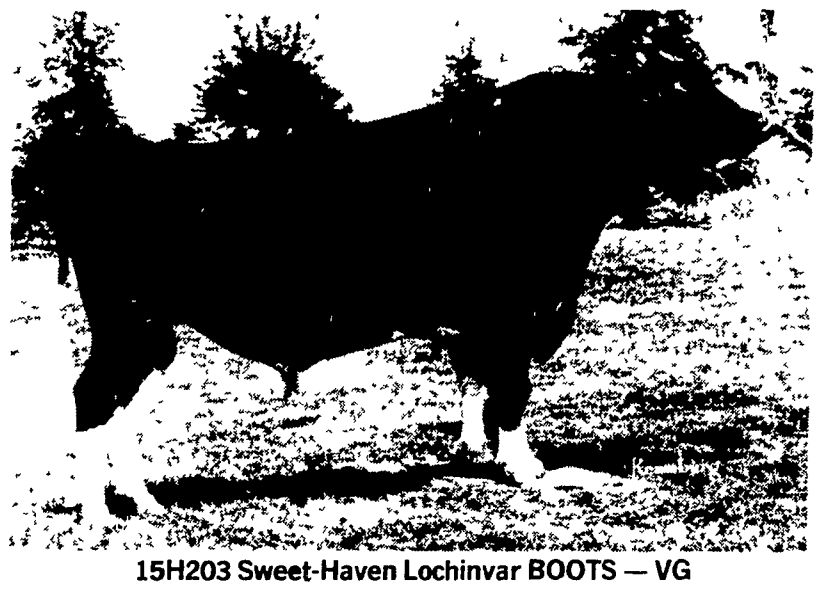
(Turn to Page D14)

Use the Profit-Making Genetic Power of Mariner and Boots



15H202 Elmsmith Marcus MARINER — VG

54 Daus in 44 Herds Ave 17,437M 3 5% 603F
Predicted Difference (75% rpt) **+1,537M +$149 +28F**
10 Daus CI 76 6 (act) 79 1 (age-adj), **+.39 PDT**
Type Strengths: rear udder, legs & feet, and rump
Sire Harborcrest Marcus — GP & GM
Dam an EX-3E Jerry dau with rec to 24,564M & 784F



15H203 Sweet-Haven Lochinvar BOOTS — VG

81 Daus in 48 Herds Ave 17,487M 3.6% 623F
Predicted Difference (79% rpt) **+1,202M +$123 +26F**
19 Daus CI 77 8 (act.) 80 2 (age-adj), **+.26 PDT**
Type Strengths: body strength, fore udder, rear udder, teats, and rump
Sire Paclamar Bootmaker — EX & GM
Dam VG Skylark dau with rec to 30,100M & 1,011F

(January/81 USDA Production and January/80 HFA Type Summaries)

Our Daily Holstein Selection Includes:
23 bulls with milk PD over +1,000
27 bulls with value PD over +$100
7 bulls with +PD for% test
34 bulls with at least 70% repeatability
25 bulls with +PD for type

All are priced reasonably through Professional Technician service and Direct-Herd sales!

Atlantic LIVESTOCK SERVICES BREEDERS COOPERATIVE

Member — NAL Affiliated Breeders
Toll-Free 24 Hour Phones For Service:
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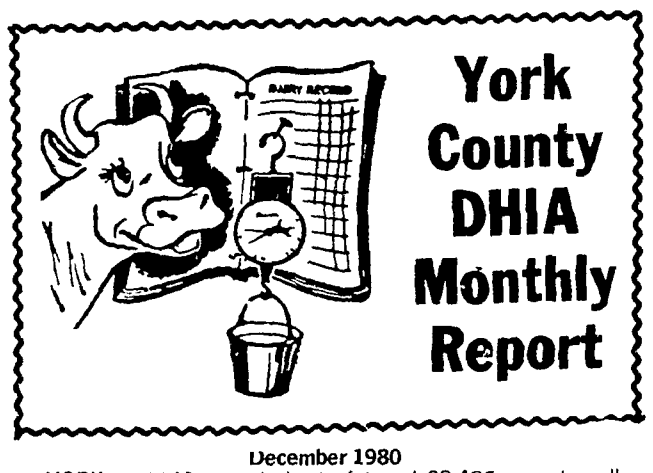
Pennsylvania 800-732-0391 Del., Md. & N.J. 800-233-0216
Our Representative in Northeastern Pennsylvania is Taurus Service
Approved by Certified Semen Services

Mifflin Co. DHIA

(Continued from Page D13)

Gary Moist				
Lynn	H	7 2	18,577	680
Molly	H	4 7	19 067	698
Ann	H	3 8	17 948	676
Marlo	H	3 6	18 853	653
Ezra B Kanagy				
Jenny	H	5 11	18,012	716
203	H	6 3	18 671	628
249	H	5 1	17 872	711
340	H	3 1	18 154	633
336	H	3 2	18 802	652
Charles L Forgy				
40	H	6 4	17 663	617
31	H	9 2	18 297	821
37	H	6 3	16 832	644
73	H	3 4	18,500	716
John T Kurtz				
Ditty	H	3 10	20 961	674
Roger Parkes				
66	H	4-4	18 217	685
55	H	8 3	18 108	647
Robert Stayrook				
15	H	7 0	20 569	663
David W Yoder				
348	H	5 3	20 535	673
315	H	6 4	18 739	675
369	H	5 1	18 992	658
Paul H Yoder				
646	H	6 5	21 682	763
785	H	4 6	18 908	706
John M Byler Jr				
92	H	6 7	17 761	720
2	H	4 6	17 260	642
J D Glick				
Jane	H	9 4	16 615	690
G Sheldon Peachey				
Loraine	H	3 7	17,514	660
Lori	H	6 2	16,600	699
A Herbert King				
Fronie	H	5 6	19 593	637
Felix	H	7 5	17 006	652
John A Peachey				
Louise	H	6 7	21 215	818



York County DHIA Monthly Report

December 1980

YORK — 1140 pounds butterfat and 23 486 pounds milk was produced in 305 days by Dawn a seven year old Holstein owned by Smyser's Richlawn, East Berlin Rd

Second high was Senora a six year old Holstein who produced 1038 pounds butterfat and 25 538 pounds milk in 305 days, owned by H E Fetrow & Sons, R4 York

High herd was Sinking Springs, R22 York with 68 Holstein cows producing 52 8 pounds milk and 2 14 pounds butterfat

Second high was Smyser s Richlawn, East Berlin Rd with 72 Holstein cows producing 58 5 pounds milk and 2 14 pounds butterfat

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Double D Farm	00	92 0	129 0			
Sinking Springs Fm	3	68 8	87 7	52 8	4 1	2 14
Smysers Richlawn Fm	3	72 0	86 8	58 5	3 7	21 4
Paul R King	3	47 0	87 9	49 1	4 3	2 09
Thomas A Boyer	3	32 2	92 1	54 8	3 8	2 06
Leland Stanford	B3	32 9	91 9	54 6	3 6	1 94
Wayne E Myers	B3	35 8	79 6	50 1	3 8	1 91
Wayne B Mummert	B3	71 2	87 9	48 9	3 9	1 90
McRal Dairy Farm	B3	129 0	93 4	47 9	3 9	1 87
Daryl L Bair	B3	41 0	85 7	54 6	3 4	1 83
Gum Tree Farm	3	43 0	91 1	48 8	3 7	1 80
Adrian Rinehart	B3	93 3	89 1	43 1	4 2	1 80
Fawn Meadow Hol	B3	65 9	87 1	45 4	3 9	1 77
Beshore Farms	3	47 6	84 6	46 6	3 8	1 76
Earl Fuhrman	3	76 0	83 6	46 5	3 7	1 74
H E Fetrow & Sons	3	76 3	85 4	45 9	3 8	1 74
Geo Knight	3	119 1	92 4	42 1	4 1	1 71
T Edwin Johnson	3	52 5	84 1	43 7	3 9	1 71
Lynn Wolf	3	48 5	86 2	49 7	3 4	1 71
Richard E Stough	B3	32 0	97 2	46 3	3 7	1 71
Fred Sprenkle	3	36 9	86 5	45 9	3 7	1 70
Robert W Mays	B3	66 5	89 6	45 2	3 8	1 70
Kevin Holtzinger	B3	139 0	88 8	45 5	3 7	1 70
Dennis J Myers	3	54 8	82 0	42 6	4 0	1 69
Rick L Cook	B3	81 3	88 2	42 0	4 0	1 69
Honeycrest Fm	B2	94 1	90 2	34 9	4 8	1 68
Eisenhart Bros	G3	59 7	90 4	41 6	4 0	1 68
Hidden Springs Fm	B3	77 6	81 3	41 8	4 0	1 67
William Ruppert	B3	61 9	82 0	42 2	3 9	1 66
Leroy Bupp	3	90 3	85 9	44 1	3 7	1 65
Carl Anderson	B3	48 0	92 8	43 0	3 8	1 65
Double D Farm	B3	91 2	89 2	42 3	3 9	1 65
Fred Sprenkle	3	33 6	84 9	43 3	3 8	1 63
Gary W Thoman	3	43 7	86 0	43 3	3 8	1 63
Leonard W Creek	3	25 1	82 2	39 3	4 1	1 62
J Donnell Taylor	B3	90 8	94 7	43 3	3 7	1 60
Fawn Valley Farm	B3	74 5	82 8	38 9	4 1	1 59
P McWilliams Jr	B3	34 7	77 5	39 4	3 9	1 55
Avalong Farms Inc	3	28 9	81 0	39 4	3 9	1 55
K L Rexroth	B3	101 1	81 6	41 0	3 8	1 55
Albert DeHoff	B3	131 8	87 5	40 6	3 8	1 54
Guy Leader & Sons	2	79 7	85 8	30 3	5 1	1 54
D & Chris Druck	B3	68 3	77 0	40 0	3 9	1 54
Dale Barshinger	B3	38 6	92 8	40 4	3 8	1 54
Rutter Bros	2	82 0	84 7	30 4	5 0	1 53
T & M Walker	G3	42 0	87 3	36 7	4 1	1 52
Elwood T Krick	B3	79 9	92 9	37 5	4 0	1 50
J & M Hushon	B3	96 0	83 9	36 0	4 2	1 50
Fantom & Gordon	B8	56 0	91 5	34 2	4 4	1 50
Walkers Farm	B3	87 1	84 5	43 0	3 5	1 50
Desota & Burchett	G3	112 0	86 5	37 0	4 0	1 49
Vincent C Webb	B3	65 9	89 3	38 5	3 8	1 48
R & M Stewart	3	49 7	86 9	37 9	3 9	1 48
William S Buser	B3	88 0	86 2	40 4	3 6	1 47
Phillip Laughman	3	24 0	81 2	39 5	3 7	1 46
Bupplynn Farms2	B3	67 3	81 8	38 4	3 8	1 46
R Baumgardner Jr	B3	57 1	81 8	38 6	3 8	1 46
William H Fantom	B3	67 9	85 5	37 7	3 8	1 45
Dennis McWilliams	B3	61 8	94 0	41 3	3 5	1 45
Avalong Farms Inc	2	46 0	77 8	29 4	4 9	1 45
Smokey Hollow Fm	B3	37 0	77 5	37 2	3 9	1 45
John C Krone	B8	38 0	81 7	35 4	4 1	1 44
R & F Feeser	3	121 1	84 4	36 8	3 9	1 43
Elvin R Deiter	B3	64 2	81 1	36 5	3 9	1 43
Mervin W Hertzler	2	65 7	85 7	30 1	4 8	1 43
My T Farms	G3	47 1	89 0	38 7	3 7	1 43
C Robert Kilgore	B3	41 0	83 4	38 3	3 7	1 42
C Robert Kilgore	B3	41 3	86 9	40 2	3 5	1 42
Rutter Bros	2	81 2	81 7	27 5	5 1	1 41
Perrydell Farms	B3	182 1	81 2	37 0	3 8	1 41

(Turn to Page D15)

(Representative Tractor - Not Actual Photo)

USED **D 10006 DEUTZ TRACTOR**
105 hp at PTO

With cab, heater, air conditioning, 16 speed fully synchro shift-on-the-go transmission and independent 540/1000 PTO, 18.4x38 size tires. Used duals also available.

USED TRACTORS

- D6006 Deutz (65 hp) w/cab
- Farmall H
- Ford 850
- IH 706 Diesel w/cab

DEUTZ OWNERS:
SPECIAL **10% PARTS DISCOUNT**
- ON ALL DEUTZ TRACTOR IN-SHOP WORK SCHEDULED BEFORE MARCH 1, 1981

Plan now to have your tractor checked out and prepared - avoid downtime during the critical Spring tillage season. MUST MENTION THIS AD.

CALL MARK SWEITZER

Stauffer Diesel Inc.

312 W. MAIN ST., NEW HOLLAND, PA 717-354-4181

NEED MORE ROOM? Read The Classified Real Estate Ads

MYER'S METERED GAS SERVICE, INC.
SERVING FARMERS ...
"WE MAKE IT OUR BUSINESS"
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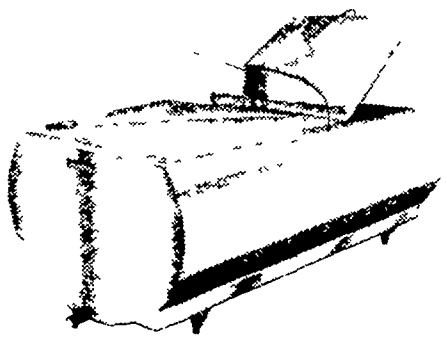
MUELLER
Bulk Milk Coolers

THE ALL STAINLESS STEEL MODEL-C FRE-HEATER FOR ALL BUNK TANKS

MUELLER HiPerForm

The Mueller Model "OH" with HiPerForm cooling, Mueller-Matic Automatic Washing System, and built-in freezer protection control is the most advanced bulk milk cooler in the world. The nation's most progressive dairymen are using it. Shouldn't you be?

ASK US ABOUT LEASE or LEASE PURCHASE ON MILK TANKS



THE MUELLER MODELS OH, MHL, AND MW WITH HIPERFORM MAKE ALL OTHER BULK MILK COOLERS OBSOLETE
SEE THE MUELLER NEW MODELS
★ 500 MW ★ 600 MW

The 'MW' is one of the Lowest pouring Height Bulk tanks Check with us all the new features on the "MW" bulk tank

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller "OH" "MHL" and "MW" you may be buying an obsolete cooler

USED TANKS

400 Gal Girton
400 Gal D 4 Girton like new
1000 Gal Girton
500 Gal Milkeeper
800 Gal Milk SOLD
400 Gal Dari Kool
400 Gal "M" Mueller
400 Gal "MHL Mueller
1500 GAL. MUELLER "O" Like New

QUEEN ROAD REFRIGERATION

WE ARE ONE OF THE ORIGINAL MUELLER DEALERS

Box 67, Intercourse, PA 17534
Phone: John D. Weaver - 717-768-9006 or 768-7111
or Answering Service - 717-354-4374

24 HOUR SERVICE

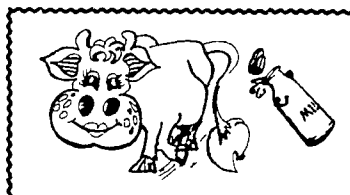
York Co. DHIA

(Continued from Page D14)

Ellis Crowl	B3	105 3	82 7	38 7	3 6	1 40
William H Fantom	B3	65 6	82 1	38 1	3 6	1 39
Edwin L Calhoun	B3	43 0	86 0	35 9	3 9	1 39
Harold Brown	3	60 0	84 8	36 9	3 7	1 38
C Herr & Son	B3	54 1	82 5	34 6	4 0	1 38
John H Doll Jr	B3	32 2	84 9	39 1	3 5	1 36
John D Adams	B3	79 3	89 5	33 9	4 0	1 35
Jacob Stoltzfus	B3	37 0	94 2	44 7	4 0	1 79
Orr Cos Pndrma Dy	B3	70 5	90 5	35 2	4 3	1 52
Donald Eyster	B3	27 0	77 8	37 5	4 0	1 49
David M Emig	G3	56 6	82 1	33 6	4 3	1 43
Benjamin Beiler	G3	35 9	76 6	36 2	3 8	1 36

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Geo Knight						
Norela	3	7 0	305	20,450	3 4	699
Lolita	3	6 8	305	19,770	3 5	700
188	3	6 6	305	20,854	3 6	749
Trixy	3	4-1	305	15,903	3 9	622
ET 4	3	2 6	305	18,504	3 9	713
ET 5	3	2 9	305	13,071	4 0	527
ET 8	3	2-5	305	18,065	3 1	559
ET 9	3	2-5	305	15,427	3 7	569
Fawn Valley Farm						
Pinkie	3	6 5	305	12,623	4 3	543
Lesslie	3	6 0	286	15,173	3 8	582
Lady	3	5 3	305	18,107	3 8	692
David V Thompson						
150	3	4 2	302	16,913	3 6	610
P17	3	3 1	305	14,194	3 8	534
P19	3	3 0	305	14,654	3 5	516
P29	3	3 10	305	13,387	4 1	554
William H Fantom						
26 A	3	9 1	262	13,712	4 0	542
229	3	7 7	305	15,767	3 5	548
Edith 2	3	8 4	305	19,884	3 5	687
659	3	6 0	305	19,982	3 4	685
652	3	6 1	305	16,899	4 2	707
Moe	3	5 11	305	15,239	3 4	520
34 A	3	5 4	305	13,020	4 0	[illegible]
35 A	3	7 0	305	14,443	4 1	586
37 A	3	3 11	294	14,784	3 7	545
52	3	2 11	305	14,372	4 4	632
Donald Lanius						
Opal	2	7 6	305	13,012	4 5	586
Janie	2	5 6	305	11,317	4 6	526
Janice	2	4-5	305	12,608	4 4	561
Dixie	3	3 0	294	11 487	5 0	569
Sinking Spring Fm Inc						
Sal	3	11 8	304	18,766	4 1	766
Carol	3	10 4	305	23,937	4 2	999
Jem	3	6 0	261	17,267	4 3	740
Sadie	3	3 4	269	17,423	4 3	752
Margo	3	3 2	305	18,499	3 8	699
Nora	3	2 4	305	15 626	3 8	601
Rutter Bros						
Ruth	2	6 3	305	15,320	4 9	750
Sandra	2	5 9	298	12,151	5 0	603
Cher	2	5 4	305	11,947	5 4	641
Patsy	2	6 4	305	10,303	4 9	506
Polly	2	4-9	305	12,050	5 9	713
Ethel	2	4 5	305	12,715	4 7	601
Lila	2	4-1	305	14,074	4 7	657
Lav 2	2	3 3	305	12,280	4 7	574
Daisy	2	3-1	305	10,927	5 4	594
Ellen	2	2 2	301	11,846	4 6	548
Beshore Farms						
Lucinda	3	9 3	305	18,768	4 0	747
Julia	3	7 6	305	19,952	3 6	727
Oto	3	4-3	305	24,354	3 4	822
Novex	3	4-3	263	20,561	3 8	774
Natalie	3	3 3	274	19,563	3 0	578
Sarah	3	2 4	296	17,481	3 8	656
Harold Brown						
Emma	3	9 3	305	13,126	4 0	531
Albert DeHoff						
163	3	5 2	305	14,173	3 5	495
164	3	5 5	305	16,937	3 9	667
199	3	4 2	305	16,710	4 2	700
204	3	4-5	305	17,353	3 5	616
212	3	3 10	305	21,716	3 3	727
Fred Sprenkle						
Beep	3	5 4	294	18,779	4 2	790
Valerie	3	4 2	305	19,084	3 2	602
Dusty	3	4-0	305	20,311	3 7	761
Whiz	3	3 1	295	15,094	4 0	609
Eugene M Kilgore						
Trudy	3	3 11	284	15,428	3 8	588
Betsy	3	4 7	305	13,712	3 8	515
Thomas A Boyer						
Susie	3	6 11	305	26,567	3 5	933
Stephny	3	6 5	305	21,617	3 6	789
Cupcake	3	3 0	278	18,884	3 7	707
Cinder	3	2 4	305	19,840	3 6	714

(Turn to Page D16)



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- Our feed is made from the highest quality milk and milk By-Products to insure proper growth and development of your calves.
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- We can show you excellent results, with GOOD feed conversions in 14, 15, and 16 weeks.
- Deal Direct with the factory. No Distributors! Starter $1035 per ton delivered. Finisher $970 per ton delivered.
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607-639-1122 or 607-639-2147

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(1) FIL-210, 1 cyl , 14 HP @2400, 200 lbs #523 . **$800***
Rebuilt 12 V starter & fuel tank. No gen Bare flywheel 6 mo written warranty.

(1) FIL-310, 1 cyl , 8 HP @2300, 245 lbs #537 . **$875***
Rebuilt Starter & generator, SAE flywheel & housing, muffler, instrument panel 6 mo. written warranty

(1) Rebuilt new model FIL-210D, 1 cyl , 12 HP @2400, 200 lbs #871 . **$895***
12V starter, alt , fuel tank, SAE flywheel & housing, muffler, & instruments

(1) New FIL-511, 1 cyl , 15 Hp @2400, 215 lbs #892 . **$1826.30***
Handstart SAE heavy flywheel & housing, muffler & mtg feet

(1) New FIL-511, 1 cyl , 15 HP @2400, 245 lbs #744 . **$2151.10***
12V, starter & alt , SAE flywheel & housing, muffler & mtg feet

— A.C. GENERATORS —

(1) LIMA Generator, 6 25 KVA, 1 phase MCA-R **$675.00***
self regulated, single bearing type for direct coupling to engine SAE housing & drive 120/240 V.A C Reconnectable for 3 phase Demonstrator 12 mo warranty #1065

(1) LIMA Generator, 7 5 KVA, 1 phase MAC-R . . **$725.00***
Description same as above Demonstrator 12 mo warranty #1066

(1) 7 0 KVA Diesel Gen Set FIL-210 Deutz diesel . **$2450.00***
Fidelity pancake generator Compact package on portable base w/120/240 V outlets 90 day warranty.

* Terms: 25% D-P, 30-60-90 day payment terms on balance to buyers with approved credit. Mention this ad.

Buy the engine and generator of your choice-make your own Gen-set

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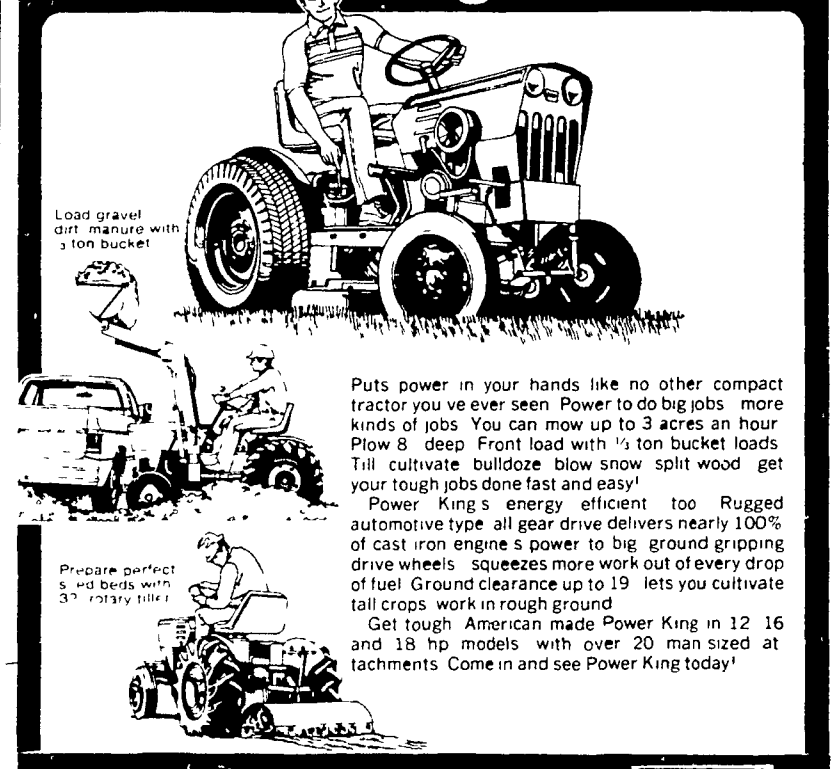
312 W. MAIN ST., NEW HOLLAND, PA. 717-354-4181

POWER KING

one tough tractor!



Puts power in your hands like no other compact tractor you've ever seen Power to do big jobs more kinds of jobs You can mow up to 3 acres an hour Plow 8 deep Front load with ½ ton bucket loads Till cultivate bulldoze blow snow split wood get your tough jobs done fast and easy!

Power King's energy efficient too Rugged automotive type all gear drive delivers nearly 100% of cast iron engine's power to big ground gripping drive wheels squeezes more work out of every drop of fuel Ground clearance up to 19 lets you cultivate tall crops work in rough ground

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Open daily 9 to 9 Tues & Sat 9-5

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York Co. DHIA

(Continued from Page D15)

Earl Fuhrman						
Pebbles	3	5-4	270	12,677	4 1	576
Guy A Leader & Sons						
Bess	2	6-3	299	15,120	4 7	718
LDaphne	2	5-2	305	13,391	5 0	664
Carrie	2	5-6	305	12,512	4 5	560
Joan	2	4-3	305	14,974	4 5	672
Cameo	2	4-3	296	13,510	5 0	675
Faith	2	2-0	305	12,068	4 7	566
Amanda	2	2-4	305	13,095	4 6	605
Vincent C Webb						
200	3	5-3	305	15,318	3 7	567
21 B	3	3-11	305	14,514	3 7	543
47	3	3-10	305	14,241	4 1	591
3	3	2-5	305	14,379	4 0	572
Roy & Frank Feeser						
Flossie	3	6-2	299	18,614	3 2	599
Tiffia	3	6-4	291	14,159	4 0	572
80	3	5-3	305	15,848	3.6	576
Tresea	3	5-0	293	16,668	4 2	706
Cleo	3	4-8	305	17,794	2 9	515
Lark	3	4-1	305	17,652	3 8	675
30	3	4-0	305	16,568	3 2	525
Alta	3	3-3	305	13,586	4 4	596
Amand-a	3	2 3	305	14,386	3 8	542
H E Fetrow & Sons						
Becky	3	8-5	258	19,721	4 1	814
Senora	3	6-8	305	25,538	4 1	1038
Betty	3	3-6	305	16,781	3 9	659
J H & M B Hushon						
35	3	6-4	305	16 981	3 4	583
136 H	3	3 6	276	13,424	3 9	530
140 H	3	2 3	299	14,829	3 6	527
Adrian Rinehart						
87	3	8 5	305	18,667	3 7	697
55	3	7 6	305	18,459	3 8	706
73	3	7 6	305	21,164	3 3	705
183	3	3 2	305	15,680	3 2	504
211	3	2 2	305	12,461	4 7	591
212	3	2 9	303	17,089	3 5	600
R R & M R Stewart						
Pet	3	5-7	269	15,955	4 0	633
Pmt Pat	3	4-6	305	15,056	4 0	606
Joyce	3	3-5	305	19,794	3 7	727
Corinne	3	3-5	305	13,460	4 0	540
Zoe	3	3-3	301	14,635	4 4	643
Smysers Richlawn Fms						
Barb	3	9-4	305	23,486	3 4	790
Dawn	3	7-10	305	27,110	4 2	1140
Diane	3	5 8	305	22,740	4 4	996
Misty		4 6	305	25,509	3 7	943
Gwen	3	4-4	305	25 324	3 3	858
Sylvia	3	2-11	305	19,697	4 0	794
Sally	3	1-11	305	13,941	4 7	655
T Edwin Johnson						
Gloria	3	7 3	305	18,486	3 9	727
Doris	3	6-10	305	18,422	3 6	659
Moon	3	5 6	305	25,463	3 1	800
Leroy Bupp						
Amie	3	3-5	305	20,300	3 6	722
Miss	3	4-9	305	16,237	3 2	527
Hidden Springs Farm						
Delilah	3	6-6	305	20,089	3 9	778
Doris	3	5 11	295	18,326	3 7	684
Rae	3	3-2	305	15,417	3 3	516
Harmony	3	3-3	305	13,401	4 0	530
Bird	3	2 7	305	15,295	4 2	647
Rana	3	2 2	305	13,400	3 8	514
Dennis L McWilliams						
9	3	3 9	305	17,815	3 5	626
3	3	3 0	305	18,759	3 3	619
20	3	2 4	305	13,587	3 8	523
Palmer McWilliams, Jr						
1	3	6-8	305	18,375	3 7	681
Dennis J Myers						
Jessica	3	3-1	305	14,643	4 0	587
Titus & Merle Walker						
4643	3	3 5	296	18,493	3 3	615
C Robert Kilgore						
22A	3	8-9	305	15,744	4 1	641
Minnie	3	5-11	305	17,488	4 2	739
Princes	3	5-4	305	16,423	3 1	512
Ada	3	5-0	305	18,322	3 3	601
Bonnie	3	5-0	305	14,721	4 1	599
Brendab	3	4-10	278	15,606	3 5	542
Phillip D Laughman						
Valorie	3	4-0	305	13,359	4 3	578
Dawn	3	3-2	305	17,988	3 5	627
Avalong Farms Inc						
French	3	6-0	305	24,547	3 9	957
Lassie	3	9-3	305	20,203	3 7	755
Jane	3	9 8	305	25,986	2 9	755
Avalong Farms Inc						
Gerry	2	9 1	305	15,674	5 1	793
Paula	2	2 0	305	11,083	4 7	525
Paul R King						
Vega	3	8-5	305	23,038	3 5	808
Var	3	7-5	305	20,147	3 2	641
Candy	3	4 6	305	17,913	3 4	611
Cricket	3	2 2	305	16,658	3 3	557
Wayne B Mummert						
81	3	9-6	305	14,621	4 7	686
74	3	5 8	271	15,648	4 3	674
28	3	5-0	305	20,203	3 8	767
43	3	5 0	281	17,096	3 3	567
49	3	3-1	249	14,114	3 8	539
Desota & Robt Burchett						
117	3	4-5	257	14,152	4 3	606
131	3	4-4	271	12,079	4 2	504
33 H	3	2 5	305	12,150	4 2	508
Lynn Wolf						
Sonya	3	6 6	305	22,440	3 6	798
Isabel	3	1 11	305	16,744	3 2	542
Ramsey S Cooper Jr						
Hobo	3	8 0	305	16,951	3 5	598
Horace E Heindel						
66 A	3	3-7	305	18,067	3 3	602
17 A	3	3 3	305	14,864	3 6	532

(Turn to Page D25)

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MAGNIFICENT MARS

29H2786 Lime-Hollow Elevation MARS EX-95

USDA 1-81 RPT 69%
PD $163 +1,653M +18% +32F
HFA 1980 +1.63 PDT 66% RPT.

Round Oak Rag Apple Elevation EX-96 GM
Tidy Burke Elevation GM
Round Oak Ivanhoe Eve EX 94-4E

USDA PD +1493M +49F 99% Rpt 1 80
+2 38PDT 99% Rpt 7'79 HFA

Marshcot Centurion Julie VG 88
Forest Lee Centurion Rocket EX 91 GM
Marshcot Captain Darkness

Cow Index +573M +3F
5-05 2X 305d 21340M 3 2% 675F
6-09 2X 365d 22400M 3 5% 795F
4-05 2X 305d 15460M 3 8% 586F
Sire Wis Captain EX 91 GM

The second crop of MARS Daughters are now coming fresh and they look terrific! Strong, extremely fine uddered dairy cows, with clean correct set to the leg We advise the dairyman who wants to use MARS to order his now while the supply on this fine bull is good MARS is available from these ABS Representatives

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Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr	717-662-7731
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Reedsville PA	Glenn Barr	717-667-2775
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UNIPEL® 13-34-10 fertilizer can get your corn crop off to a super start:

It has a high concentration of water-soluble Phosphorus that gets to young seedlings quickly Helps plants establish a good root system – the starting point for top yields Its quick-acting and long-lasting Nitrogen team up to feed the young plants for full yield potential, continually from sprouting to harvest

This is the Starter Special that corn growers know from good experience It's highly effective as a banded starter And it's SAFE no chance of ammonia damage to tender, young seedlings when used as a "pop up" and applied directly with the seed at 50 lbs /acre

How can we fit UNIPEL 13-34-10 into your corn fertility program?

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Badger

Talk to the man who knows

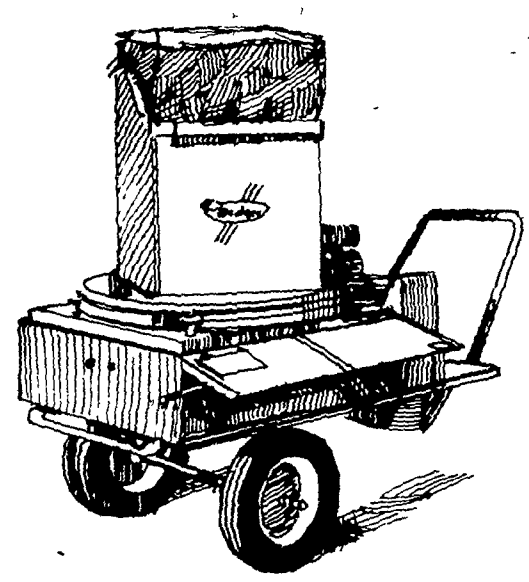
Badger Northland's Bale Chopper Handles Them All - Corn Stalks, Hay or Straw

Reduce labor and cut bedding costs up to 40% with the new Badger Northland Bale Chopper No more breaking and shaking bales with this handy unit It easily chops and spreads any type of baled material, all in one single operation Makes low quality hay more palatable and improves the operation of manure transfer pumps.

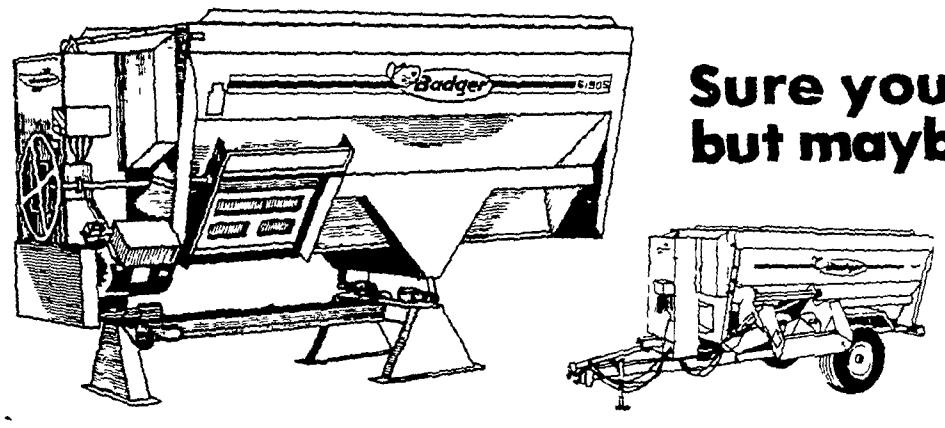
Individually adjustable doors allow bedding distribution to both front and rear, as well as to the manure gutter Big 16" tires and swivel caster wheel make maneuvering effortless And the handy storage rack for extra bales insures nonstop bedding.

Available with either 4 5 hp or 6.5 hp gasoline engine, or 3 hp and 5 hp electric motor

Save time and money with the new Badger Bale Chopper See your Badger dealer today.



Badger's Feed Weigher-Mixers



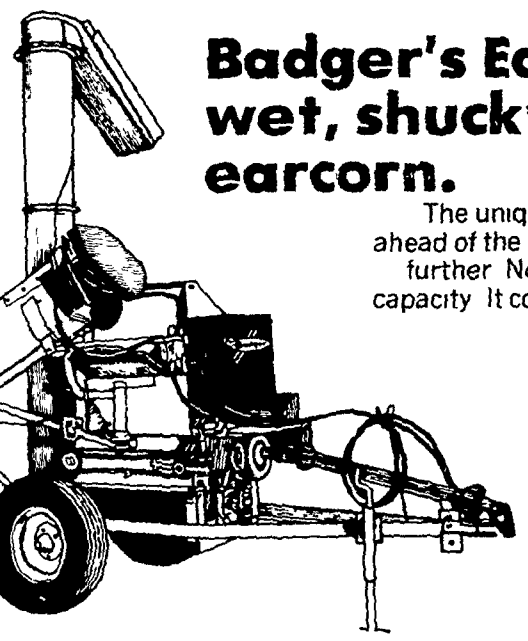
Sure you feed your cows good... but maybe you could be doing better!

Animals can be "fussy" eaters if given their choice and it may not always be the best for them or your pocketbook

Whether you're feeding dairy or beef, it's time to consider a feeding program guaranteed to improve feeding efficiencies Badger's Feed Weigher Mixers and a Complete Blended Ration (CBR) will result in stepped up milk production from your dairy herd or more pounds of gain on your feeder cattle, and that means more profit for you

Badger Weigher-Mixers are available in sizes and types to match your operational needs Stationary units are offered in a number of sizes for batch mixing in-feed centers, and several trailer models are available for drive thru feeding barns or fence line bunks

Fast efficient labor saving, blending of a nutritionally balanced ration in Badger's Weigher Mixers is simply the best way to feed your herd Ask your Badger Dealer to help you with a CBR feeding program and explain the benefits of Badger's Feed Weigher-Mixers



Badger's Earcorn Mill handles wet, shucky, even frozen earcorn.

The unique cob crusher unit shells corn and shreds the cob ahead of the rollers which crack the kernels and reduce the cob further No troublesome screens to change or slow down the capacity It comes with 8-foot hydraulic intake auger and an 11-inch tilting discharge auger with 10-foot reach

The intake auger swings to the rear for transport and may be operated at any angle from rear to side

OPTIONS. Blower drive with overrunning clutch to power your forage blower and mill from the same tractor Also blower discharge for direct bin or silo filling

CAPACITY 420 bushels per hour (Depending on moisture content).

WAIVER OF FINANCE:

- **ON LIQUID MANURE TANKS TILL 3/1/81**
- **ON FORAGE EQUIPMENT TILL 5/1/81**

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LEONARD WORK
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Brookville, PA 15825
(814) 849-3361

Champion Shorthorn pens tagged at Denver

DENVER, Colo. — Sixty-two head of Shorthorn cattle were in the largest and strongest pen competition to be held at the National Western Livestock Show in recent years.

J.W. Brune, Ottawa, Ks., judge for the classes, made use of the performance weights of each pen gathered two days before the show.

The grand champion pen of five bulls was exhibited by Berg's Shorthorns, Osage, Ia., for the second consecutive year. Their pen had an average age of 635 days, and weighed an average of 1565 pounds with a 2 46 pound weight per day of age.

The reserve grand champion pen of five was shown by another repeat pen exhibitor, Mohns Polled Shorthorns of Cottonwood, Mn. With an average weight of 1580 pounds, the bulls had an average age of 668 days for a 2.37 pound WDA.

Other placings in the pen-of-five competition included: R. Lee Johnson Family, Fredericktown, Oh., 1 third; Robert Miller, Fordville, N.D., fourth; and F.A. Heckendorf, Jr., & Family, Castle Rock, Co., 1 fifth.

The pen-of-three show had entries in both the calf and the yearling divisions The R Lee Johnson Family captured the champion banner on their first place yearling bulls. They weighed in at 1665 pounds at an average of 646 days for a 2.58 pound WDA.

The reserve grand champion pen-of-three honors went to the first prize pen of calves exhibited by Richard Dolginow of Lazy D Ranch, Excelsior Springs, Mo They were a top performing set of calves, weighing 1275 pounds at an average age of 466 days with a 2.73 WDA

Other placings in the pen of three competition included. Yearlings - Willow Crest Shorthorns, Polo, Ill., second; Thunderhead Farms, Bennett, Co., 1 third and fourth, and Ernest and Tim Williams, Cleveland, N.D., fifth, Calves - Robert Miller, second; Willow Crest Shorthorns, 1 third; HUB's Shorthorns, Norton, Ks., fourth

Elanco to sponsor cattle seminar

EAST EARL — The Eastern Lancaster County Adult Farmer Program will sponsor a Beef Cattle Management Meeting on Wednesday, February 11, 1981, at 7:30 p.m. at the Union Grove School.

Speaker for the meeting will be Les Burdette, extension livestock specialist from Penn State.

Burdette is quite familiar to Lancaster County beef producers, having made many presentations at Cattle Feeder Days at the Farm and Home Center.

The major topic of discussion will be feeding steers for market economically and will include feed requirements, balancing a ration, use of non-protein nitrogen, implanting, and use of feed additives. In addition to feeding, other areas of management will be discussed

Of special interest will be a demonstration of a programmable calculator to illustrate the potential use of this "management tool" in making feeding and marketing decisions

All interested persons are invited The Union Grove School is located near Terre Hill on Route 625, two miles north of Route 23

For additional information contact Robert Anderson or Donald Robinson, Adult Farmer Instructors, at 215/445-5041.

THINK
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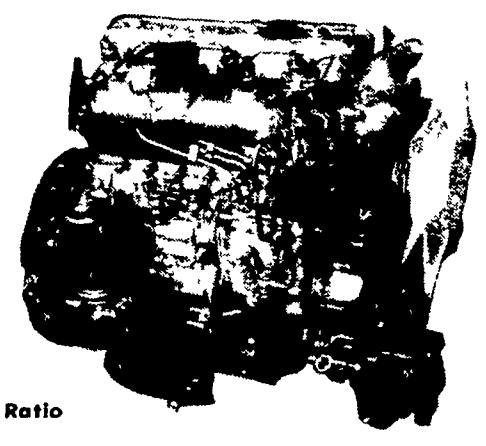

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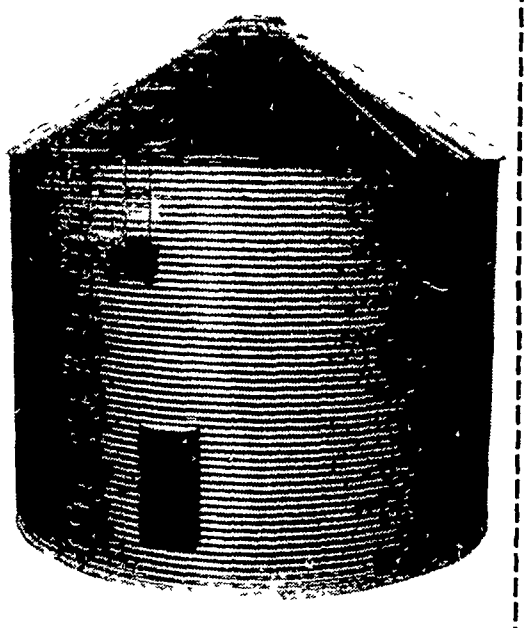

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Chester, Delaware elect ASC committees

WEST CHESTER — Members of the 1981 ASCS county and community committees were recently elected for Chester and Delaware Counties.

Heading the county in Chester is John G. McCausland, chairman of the county committee. Serving with him are: Herman B. Bramble, Jr., vice chairman; J. Dale Nichol, member; and Paul E. Hannum and Arthur D. Hershey, alternates.

Chairing the county committee in Delaware County is Walter Craig, Jr. The 1981 vice chairman is Edward S. Fritz, with Robert Craig serving as regular member. Alternate for the committee include Robert P. Balderston and Anne B. Bates.

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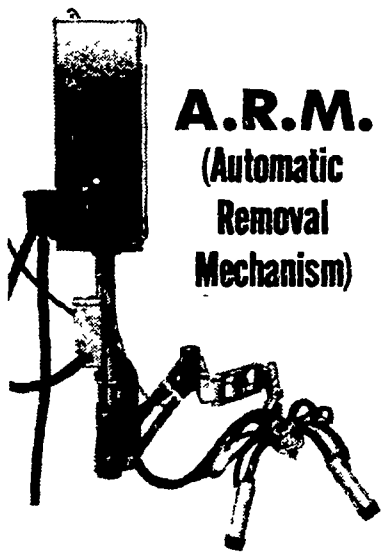

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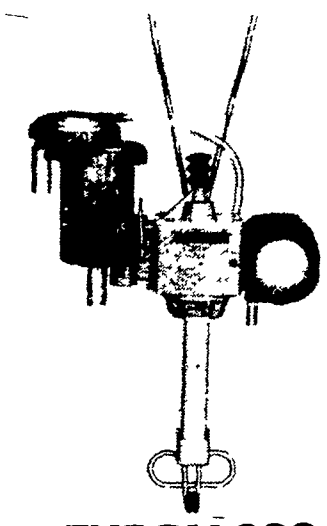

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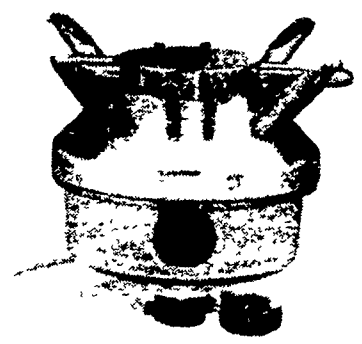

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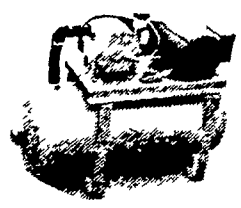

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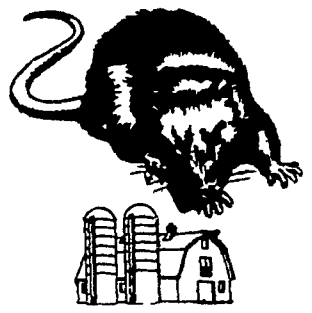

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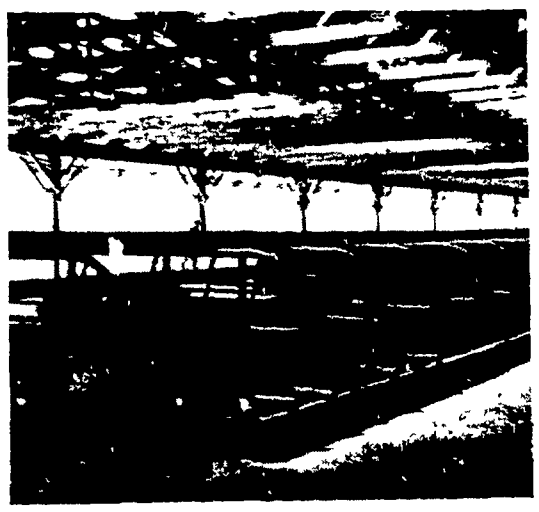

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Source
Published data for the years 1977 through 1979 (average of multiple locations where all six products were tested side-by-side from Iowa State University, University of Illinois, University of Nebraska, University of Minnesota, Purdue University—Indiana)

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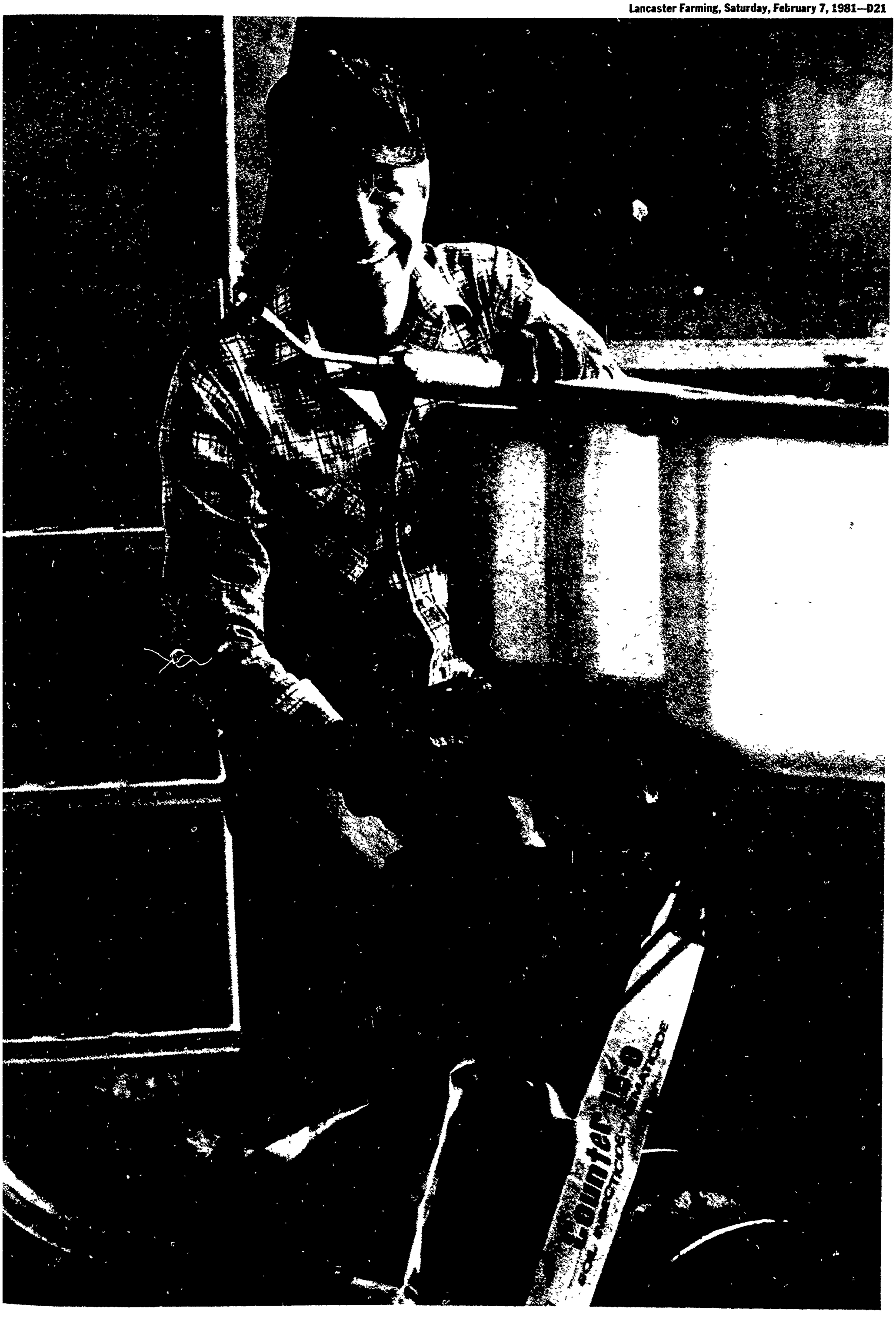
Farmall

Delmarva Corn, Soybean conference

Here's an update on 1981 herbicide use

SALISBURY, Md. — Now is the time for crop farmers to take inventory in their agrichemical storage rooms, says Ronald L. Ritter, Extension week control specialist and assistant professor of agronomy at the University of Maryland.

"You may not need to order as much herbicide this spring as you think," Dr. Ritter declares. "If properly stored and still in good condition, many partially empty containers can probably supply significant amounts of 'tried and true' chemical materials which will do an adequate job of weed control under normal circumstances.

"Plan to buy the newer, often more expensive herbicides only for fields where you have special problems, such as triazine-resistant pigweed."

Ritter spoke Wednesday during the first annual Delmarva Corn and Soybean Technology Conference at the Wicomico Youth and Civic Center in Salisbury.

He shared the platform with two professional colleagues from Delaware and Virginia on the topic, "Corn and Soybean Cultural Practice and Tillage Update."

An AAtrex (atrazine) and Princep combination still provides a good, economical pre-emergent treatment for broad spectrum weed control in most cornfields, Ritter said. However, if triazine-resistant pigweed is a problem in a particular field, you may have to switch to a newer chemical like Dual for pre-emergent application and, possible, Banvel for post-emergency treatment.

Likewise, the familiar Lasso and Lorox combination will do a good job of pre-emergent weed control in soyybeans, if you still have some on hand. If post-emergence weed control becomes necessary, use one of the newer chemicals like Blazer.

The flood-jet nozzles often used with pre-emergent herbicides are not suitable for use with Blazer. Instead, use flat-fan nozzles for better spray distribution. And spray at a rate of 20 gallons of liquid per acre with a sprayer pressure of 40 pounds or more per square inch.

Still in the experimental stage is a program for applying Surflan in wheat fields to help control grassy weeds affecting double-cropped soybeans which follow in the same growing season.

Under the present system, Ritter explained, some grasses germinate before the small grain is harvested; and they get too tall for control by the chemical treatment normally applied just prior to stubble-planting of soybeans in early summer.

Hoelon is another new product for week control in soybeans. It does a good job of killing volunteer corn less than 10 inches in height, Ritter reported. And it is the first post-emergent grass-killer available for use in soybean fields.

The Maryland agronomist warned that Hoelon should not be tank-mixed with other chemicals—especially Basagran, which causes a definite loss in grass-control effectiveness.

For more information on herbicides and other pesticides, Ritter suggested that Maryland farmers ask their county Extension agricultural agents for a free copy of "Pest Control Recommendations for Field Crops, 1981".

DANIEL'S ENGINE CONTROL

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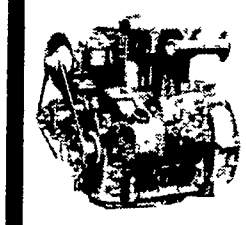

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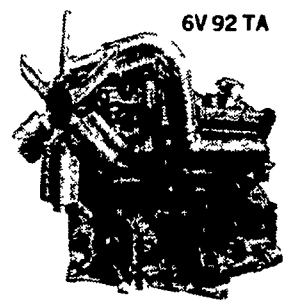

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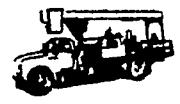

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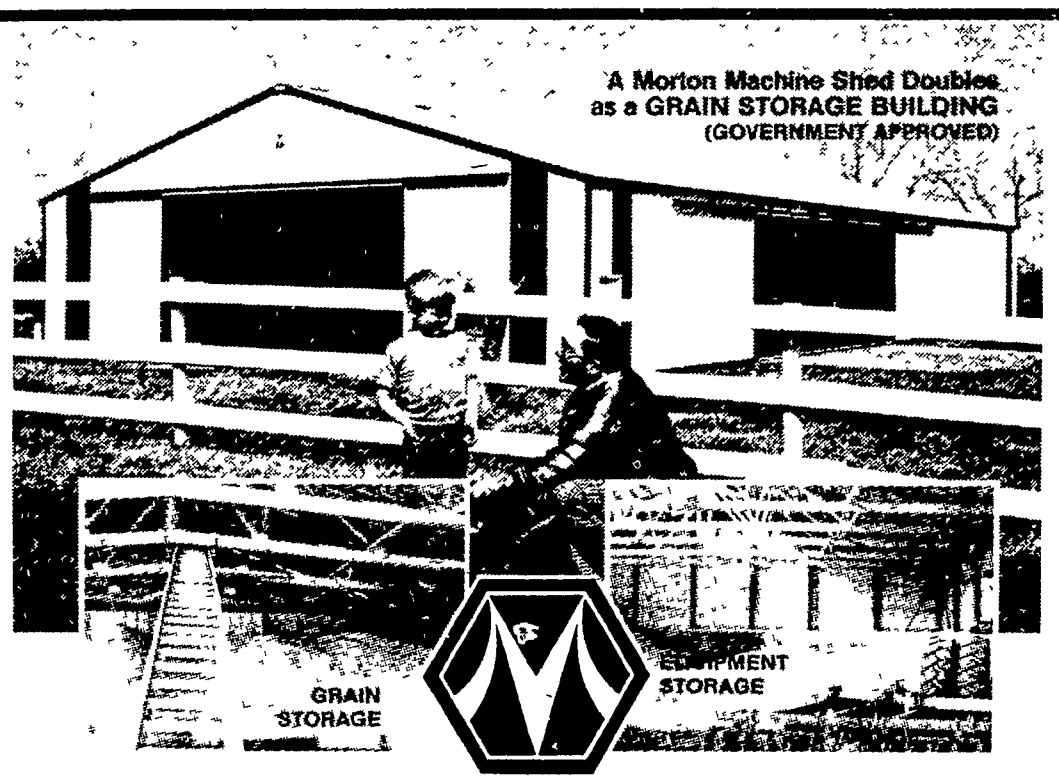

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Pests to watch in 1981

GEORGETOWN, Del. — While the Mexican bean bettle was a threat to soybean farmers last year, the pest to watch for this year may be the European corn borer, says University of Delaware extension pest management specialist Mark Graustein.

Graustein says there may be fewer Mexican bean beetles in the area this year than last. This prediction is based on the fact that overwintering populations of adults in late soybeans are lower this year than in the winter of 1979-1980.

Comparisons of key locations also indicate lower MBB populations. This is largely due to two factors: (1) the drought which caused the desiccation of second and third brood eggs, and (2) the efforts of the USDA through its Parasite Release Program.

Under this program, Pediobius, a parasitic insect, is released into the area where MBB are expected to appear. There, the wasp deposits its larvae in beetle larva, causing them to die.

Graustein estimates that over one million parasites were released in Delaware, Maryland, Virginia, and New Jersey last year. Delaware released over 25,000.

He says we could see a moderate level of European corn borer in corn plantings this year. Data collected from the fall survey of overwintering populations seems to point toward ECB as the pest to watch for in 1981.

The yearly average of ECB per 100 plants in Delaware is 341. The average last fall was 231. The all-time high in 1977-78 was 707 per 100 plants.

While this year's number is nowhere near the high in 1977-78, you can probably expect economic levels of infestation in earliest planted corn. This is especially true for the southern parts of the state.

Graustein recommends that farmers not use systemic insecticides to control ECB. Instead, wait to see if the borer shows up. If it does, follow the integrated pest management guidelines for control.

Growers should be aware that weather conditions in the spring greatly influence pest populations for the season. Follow integrated pest management reports to keep tabs on actual pest conditions this summer.

One more word of caution. Other pests such as aphids and army worms can survive during severe winters while such weather has detrimental effects on their enemies. If this winter continues to be severe, Grautein suggests that these pests could also be a problem next summer.

For further information, contact your county extension agent and if you're not already receiving the Integrated Pest Management Report, call your county extension office and ask to be put on the mailing list.

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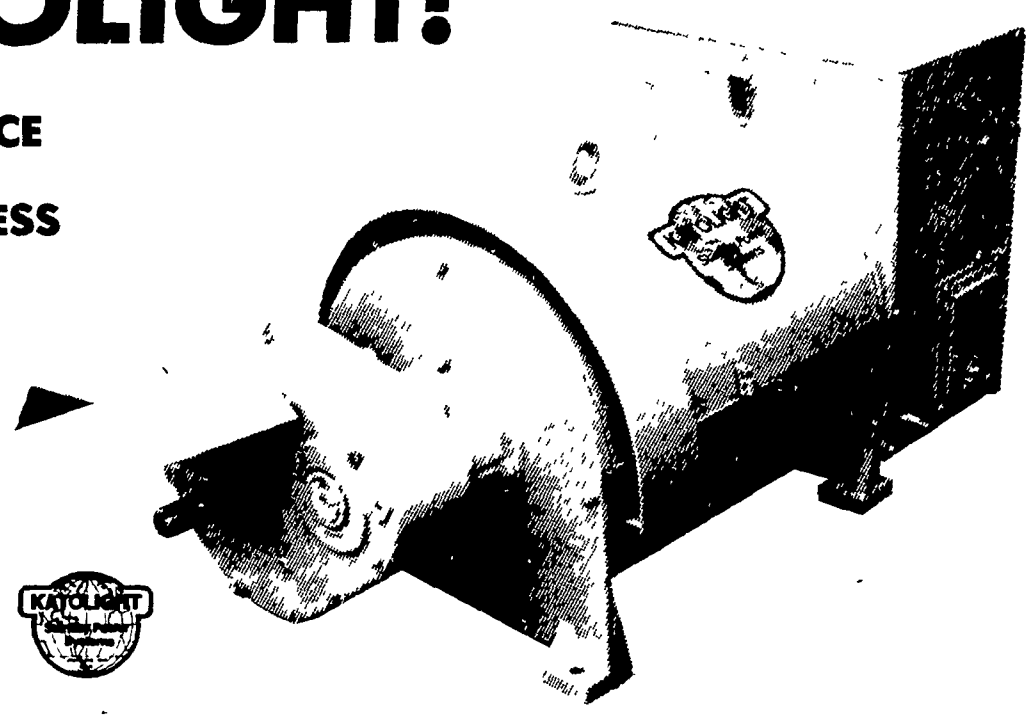

Model Selection Chart

Model No.	Watts	Momentary Surge Watts	Minimum Required HP	Volts	C.B Amps	Phase	Wire	Approximate Wt. Net Lbs.	Approximate Wt. Ship Lbs.
15LR1	15,000	45,000	25	120/240	60	1	3	425	490
25LR1	25,000	75,000	40	120/240	100	1	3	475	500
35LR1	35,000	105,000	55	120/240	150	1	3	580	600
45LR1	45,000	135,000	70	120/240	175	1	3	670	730
55LR1	55,000	165,000	86	120/240	225	1	3	730	750
85LR1	85,000	255,000	130	120/240	350	1	3	795	860

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Comfort spells survival for newborn pigs

NEWARK, Del — Comfort means survival for the newborn pig. Without proper management of its environment, its chances of developing into a healthy market hog aren't good, says University of Delaware extension livestock specialist Dick Fowler.

Many types of farrowing systems are used for swine -- from the woodlot or field where the sow builds a nest, to the slatted-floor confinement unit with environmental control Good management is required for all systems But nowhere else in hog production are management skills as critical as they are in the farrowing house.

During the first few days of its life, the baby pig needs a clean dry draft-free environment with clean air and a temperature of 85-90 F. The sow prefers temperatures of 60-75 F. But she'll adjust to the environment her pigs require better than they'll adjust to hers

Their needs can rarely be compromised without causing some stress, says Fowler. And preventing stress is a function of management

Good managemenet starts with a clean farrowing area. All organic matter should be removed and the facility should be disinfected and dry when the sow enters it Maintain solid floors by using bedding that is replaced when it gets wet, or use slatted floors Floor surfaces should be smooth to avoid knee and foot abrasions

Eliminate stress-causing drafts by using solid pen partitions and solid flooring where the young pigs sleep. A separate area with zone heat keeps baby pigs away from the sow except when nursing and thus increases her comfort Warmth and light usually will attract pigs away from her, says Fowler

The temperature in the baby pig area should be 85-90 F during the first three days A hover can help maintain the temperature in this range

Look at your pigs for signs of environmental stress Animals that huddle and shiver are not comfortable When they spread out under the heat source it's a sign comfortable conditions exist.

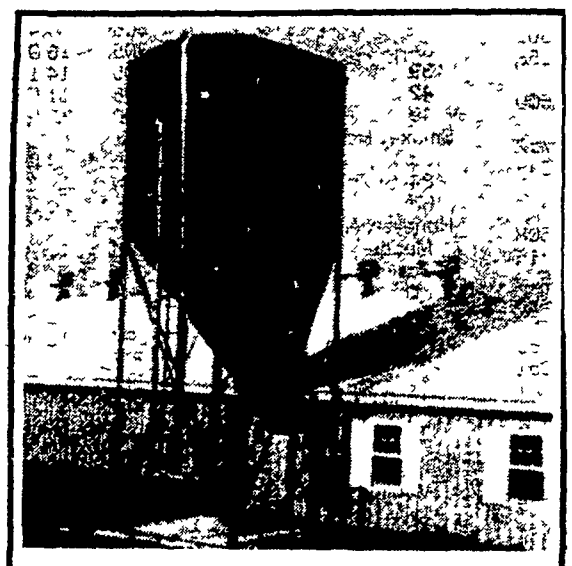
Dry conditions are also important, so manure must be cleaned out daily if solid floors are used A system that permits the sow to leave the crate twice daily for feed and water helps to reduce messy pens. Slope solids floors ½ inch per foot for proper drainage.

The newborn pig has a very ineffective temperature controlling mechanism. Sixty-five percent of all post-farrowing deaths occur before the litter is four days old.

A farrowing house environment that prevents chilling will significantly reduce early pig losses.

If the swine unit operator wouldn't be warm enough in a swimsuit while lying on the farrowing house floor, he can't expect his newborn pigs to be comfortable there either.

learn by doing in 4-H



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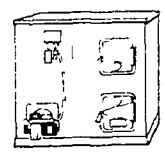

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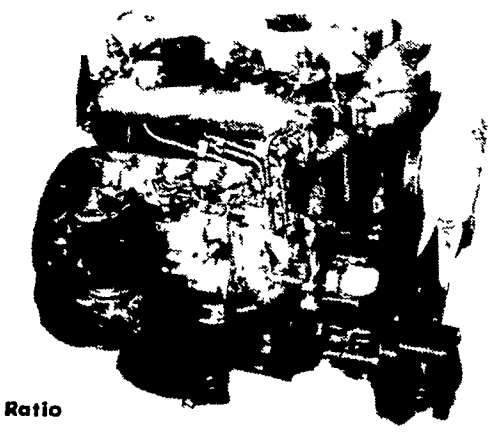

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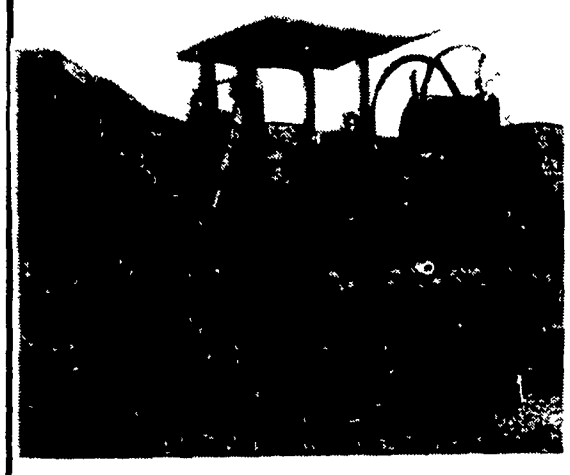

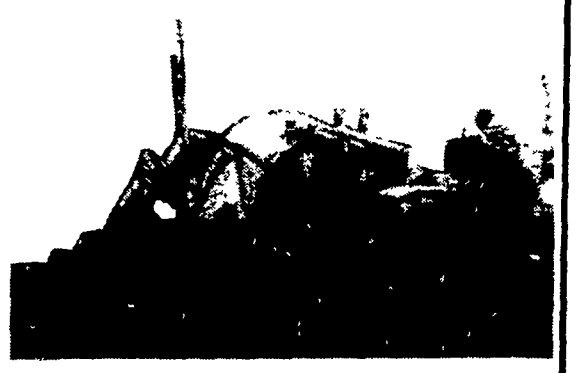

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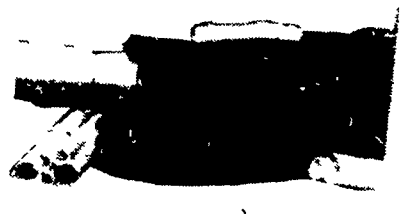
Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.



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(Continued from Page D16)

Carl Anderson						
5	3	2-7	301	13,713	3 7	513
Elvin R. Deiter						
Marian	3	5-2	305	17,573	3 3	579
Doodles	3	3-11	283	15,685	3 3	522
Opal	3	3-10	305	12,719	3 9	501
Orchid	3	3-4	305	13,817	4 0	558
Fred Kimmel						
Nanette	3	8-5	305	13,758	3 6	500
John H Doll Jr						
Flo	3	7-2	305	16,916	4 4	752
Molly	3	5-10	270	17,924	3 1	548
Ann	3	2-11	283	16,003	3 5	559
Charles Herr & Son						
Floro	3	5-3	298	13,937	3 6	508
Elaine	3	3-1	305	12,626	4 1	515
Queen	3	4-0	305	11,697	4 5	529
Little Creek Fms , Inc						
147	3	7-3	305	14,606	3 9	567
83	3	5-10	298	13,136	4 3	569
105	3	3-5	305	15,913	4 1	651
158	3	3-3	305	16,116	3 7	601
73	3	3-3	304	16,007	3 4	546
229 A	3	2-2	305	15,305	3 7	560
231 A	3	2-3	305	14,086	4 2	585
228 A	3	2 3	305	13,283	4 0	534
173	3	5 9	305	13,495	4 0	534
Kenneth L Rexroth						
Sis	3	13 3	305	15,783	3 4	535
Maybell	3	9-1	305	13,723	3 8	521
101	3	6-3	305	15,348	4 0	615
114 A	3	3-3	291	15,298	3 9	596
25 A	3	1 10	305	14,940	3 5	517
Donald Wilson						
44	8	5-2	305	12,604	4 4	552
2	3	3-9	305	15,414	3 3	516
Richard E Stough						
Louise	3	6-9	305	18,521	3 4	621
Iris	3	4-6	305	16,418	4 3	711
Vera	3	3 8	305	16,547	3 6	598
Rick L Cook						
Kate	3	11 6	305	17,582	3 5	618
Pansy	3	7 9	266	13,498	4 0	545
Kenny	3	6-7	305	22,368	3 4	768
Fida	3	2 1	305	12,562	4 2	533
J Donnell Taylor						
Sheby	3	6 6	279	14,549	3 9	567
Dolly	3	5 7	305	20,397	3 1	628
Sabrina	3	5-0	305	16,496	3 2	521
Aggy	3	3-1	305	14,902	3.4	506
Bupplynn Farms, Farm 2						
22	3	5-0	305	14,872	4 0	599
27	3	7-2	305	18,258	3 4	628
John D. Adams						
20	8	8-3	305	14,451	3 5	507
54	3	4-8	305	16,047	3 8	604
39	3	2-6	305	14,120	3 5	501
42	3	2-3	305	11,532	4 4	513
49	3	3-4	280	15,896	3 3	522
Smokey Hollow Farm						
55	3	3-5	305	14,839	3 7	553
84	3	2-11	291	15,497	3 8	588
80	3	2-11	305	20,325	3 5	717
Honeycrest Fm						
Madge	2	12 2	275	13,015	3 9	504
Rosie	2	9 8	305	16,031	4 9	789
Miro	2	3 10	285	17,048	3 5	591
Tina	2	3-4	305	12,838	5 1	650
55	2	6-3	297	15,890	4 6	726
Olive	2	2 11	305	14,716	4 1	603
1	2	3-5	305	15,820	4 8	757
Wreva	2	2-2	277	11,962	4 2	503
Mervin W Hertzler						
Rhoda	2	2-7	305	9,139	5 5	500
Leonard W Greek						
Mamie	3	5-1	305	24,149	3 8	926
Lacy	3	4-6	305	17,198	3 9	677
Idol	3	4-3	305	19,449	4 5	881
Widow	3	4-6	302	16,609	4 0	
Gary W Thoman						
37	3	3-10	305	20,974	3 2	667
Supreme	3	3-9	305	19,301	3 2	610
Eugene B Taylor						
Jill	3	4 8	305	17,490	3 4	596
Janis	3	4-9	305	16,641	3 7	615
Ivy	3	4-9	305	15,924	3 2	511
Robert W Mays						
7	3	6 4	305	18,808	3 3	614
12	3	7-1	305	18,983	3 9	740
02	3	3 2	305	15,301	3 9	591
1	3	3 3	297	18,867	3 1	592
6	3	3 2	305	17,700	3 6	642
26	3	3 5	281	17,825	3 2	565
Dale L Barshinger						
10	3	3 4	305	17,872	3 6	641
18	3	3-1	286	13,162	3 8	505
51	3	4-3	305	17,122	4 2	715
Albert Neufeld						
3	3	7-4	305	20,284	2 9	590
76	3	5-2	305	15,040	3 8	565
79	3	4-3	305	15,703	3 2	503
Robt. Baumgardner, Jr.						
8	3	6-3	305	14,364	3 9	566
Big T Holsteins						
Diamond	3	4-1	305	15,435	3 5	542
Charles Hess						
76	3	6-3	305	15,511	3.7	570
53	3	4-2	305	17,662	3 3	590
Kevin Holtzinger						
501	3	6-1	285	16,755	3 8	645
195	3	3-0	305	18,505	3 5	648
118	3	6-3	301	18,760	3 9	723
96	3	7-3	305	12,211	4 3	527
87	3	9-4	281	16,241	3.3	539
94	3	8-0	302	17,182	3 2	550
John C Krone						
Mary	3	3-7	305	18,575	3 5	644
Nina	3	2-6	305	16,760	3 1	521
Walkers Farm						
104	3	4-3	305	22,061	2 8	625
Perrydell Farms						
4	3	3-3	305	20,912	3.1	650
127	3	5-2	305	15,907	4 3	683
145	3	3-3	290	16,959	3 3	562
William S Buser						
32	3	4-3	305	17,106	3 4	581
Rich & Steven Staner						
Azalea	2	5-10	305	13,055	4 3	567
Betsy	2	3-4	305	10,673	5 2	556
Glendi	2	6-1	305	12,908	4 5	585
Astra	2	1 11	305	13,141	4 4	575
Fawn Meadow Holstein						
123	3	2 2	305	13,388	3 8	508
McRal Dairy Farm						
318P	3	7-4	305	18,131	3 2	573
378	3	5-3	305	15,515	3 7	576
409	3	4-6	305	15,321	3 6	558
413	3	4-6	305	23,614	3 2	752
William Ruppert						
Bright	3	10-9	305	19,955	3 2	639
Pepsi	3	8-3	305	17,036	4 3	730
Goldie	3	6 2	305	19,711	4 0	785
Pearl	3	3 9	287	12,314	4 2	514
Pride	3	2 10	279	16,670	3 3	556
Eisenhart Bros						
247	3	3 7	305	15,742	3 4	529
Wayne E Myers						
Gretel	3	7 11	305	22,538	3 2	727
Judy	3	4-0	305	17,931	3 7	661

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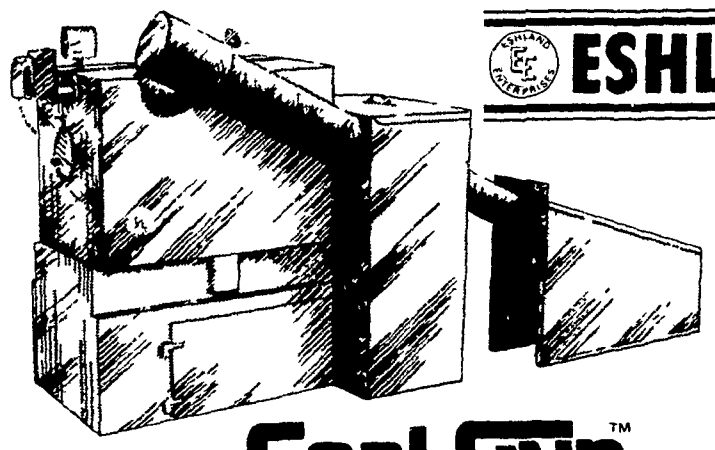

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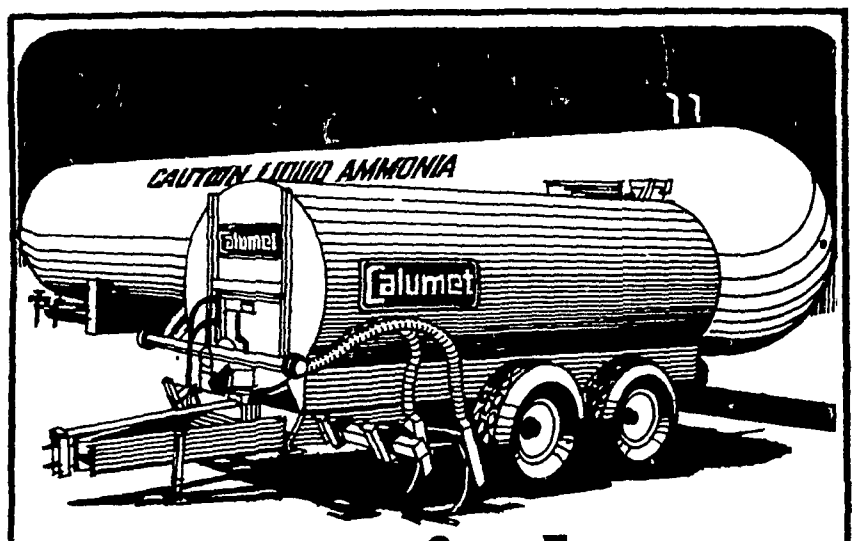

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Berks 4-H club holds banquet

KUTZTOWN — The Berks County 4-H Horse Clubs held their Third Annual Awards Banquet on Saturday, January 24, at the Grange Hall.

The evening was highlighted by the presentation of the "Outstanding 4-H Horse Member Award Plaques." The outstanding Junior Girl Award went to Tracey Picus, 18 Farway Lane, Wescosville. Tracey, a member of the Northern Berks Equestrians, has been in 4-H four years and is the daughter of Mr. & Mrs. Gerald Picus

The outstanding Junior Boy Award was presented to Kirk Fisher, son of Mr. and Mrs Steve Fisher of R1 Oley. Kirk is a five member of the Oley Saddle-ites 4-H Horse Club. These awards were sponsored by Feather Hill Western Shop, Lenhartsville, and Berks-Lehigh Farm Credit Service, Shoemakersville

The Outstanding Senior Girl Award went to Megan Allen, daughter of Debroah Allen, Shoemakersville Meg is an eight year 4-H member now in the Wrowdy Wranglers near Shoemakersville Her award was presented by F. M Brown's Tack Shop in Sinking Spring.

The Outstanding Senior Boy Award was presented to Jeff Long, a five-year member of the Northern Berks Equesterians. Jeff is the son of Mr. & Mrs Richard Long of R2, Kutztown His award was sponsored by American Bank and Trust Co. Agri-Business Dept.

The above awards were determined by the members participation in club county and state activities and their leadership in other organizations.

Local horse clubs also recognized their own members Antietam Hoofbeats gave the following awards Outstanding Senior Boy Kerry Schwoyer Fleetwood and Senior Girl Pam Imes Berks Co Horse Expo Horse Bowl Award went to Steve Imes Fleetwood Kerry Schwoyer Fleetwood Lori James Leesport and Lois Tomaszewski Reading High Sales Award Pam Imes Fleetwood

Mohnton Light Horse and Pony Club recognized these members Outstanding Senior Boy Brian Yerger Shillington Senior Girl Robin Lebengood Shillington Junior Boy Emmett Geesaman Reinholds and Junior Girl Missy Koch Gouglersville High salesman award Brian Yerger Shillington

The North Berks Equestrians gave the following awards Project Books Sue Hoffman Allentown Brent Bieber Kutztown Diane De Bow New Tripoli Sharon Picus Allentown Andrea Jeffrey Kutztown Most improved 4 H members Junior Rlynee Chudnowsky Kutztown Senior Jan Sechler Topton High Point Sales Person Junior Lisa Poper Fleetwood Senior Suzette Henry Kutztown Most outstanding club member Carol Sell Kutztown Junior and Tania Woerner Fleetwood Senior outstanding outside activity awards Senior, Jeff Long Kutztown and Tracey Picus Allentown Junior

The Oley Saddel-Ites honored these members Sharon Moser outstanding work in horse production Gerlad Mast Oley State Show for Pole Bending Kent Fisher Oley outstanding project book and Kirk Fisher Oley outstanding junior project book

Recognized for their participation in Horse Judging were Diane Dietrich Suzette Henry Patti Ferguson Jeffery Long Jan Sechler Carol Sell and Michelle and Nichole Swavely Barto

A big thanks went to the coaches Gwen Schowoyer Kutztown and Dorothy Swavely Barto

Honored for their Horse Bowl participation were Meg Allen Shoemakersville Craig and Karen Clayton Birdsboro Pam Imes Fleetwood and Debbie Price Birdsboro Steve Imes and Roger Imes Jr Fleetwood were recognized for coaching the team

Recognition was made of those members who participated in the state 4 H Horse Show They were Steve Imes Fleetwood Yvonne Koch Oley Jeff Long Kutztown Sharon Moser Oley Carol Sell Kutztown Tania Woener Kutztown Jane and Susan Hoffman Allentown Gerald Mast Oley Renee Shimandle and Kelly Snook Kutztown

Any youth interested in joining Berks County 4-H Horse Club should call the Berks County Extension office at 378-1327

PUBLIC SALE

FARM MACHINERY, HAY, STRAW, CORN, CATTLE ANTIQUES, HOUSEHOLD ITEMS

SAT. FEBRUARY 14

At 10 A.M Sharp

Located 13 miles South of Lancaster off Rt. 272 at Rawlinsville Ave , or 1 mile North of the Buck, between Truce & New Providence, along Hopkins Mill Rd

2 Cows, 1 bred heifer, feeder bull, 4 bred sows, second litter, shoats, 6 ewes & lambs,

Timothy & Alfalfa hay; straw, corn

350 Farmall Tractor w/3 bottom plow, 340 Farmall Tractor w/2 bottom plow, Farmall H w/cultivators, Super Farmall A w/cultivators, plow, loader, snow plow & side dresser, John Deere A Tractor, 47 Int Baller PTO, flat bed Wagons, 2 McCurdy grain bins, Int 2 row Cornplanter, 13 disc Ontario grain drill, #5 JD mower, #829 AC Haybine, hay Crimper, Int #5 green Chopper, wheel rake, David Bradley side rake, bale elevator; New Idea #12 Manure Spreader, Hershey Transplanter, 1 row mounted planter, disc harrow, Transport disc, Spring harrow, Cultipacker, Horse Cultivators, Elec Motors, metal feed bins, old grain bags, Salamander;

Tobacco ladders, Tobacco lath, sizing boxes, shears, spears, Greider & Minnich Ballen Boxes, ext ladders, seed sewer, potato grater, solo sprayer, 2 ton chain hoist, log chain, rough lock, cement mixer, grinding belt, water & pump troughs, hog trough, dehorner, Cow & Sheep Clippers, Surge 22 Milker Pump, 2 Surge Milkers, Stainless Steel Wash Tubs, Buckets Strainer, old Milk Cans, 6 can Cooler,

Scalding Trough, Furnace & Furnace Tops, Iron Kettles & three Foot, Grinders, Lard Press, Meat Bench

Antiques, Household & Farm Related Items, Wooden Wheel Harrow, Dated Conestoga Wagon Jack & Grease Pot, Dated Railroad Jack, Wagon Jacks; Screw Jack, Broad Axe, Flail, Luggage Carrier, Copper Kettle, Dinner Bell, Sleigh Bells, Stir, Signed Wooden Fork, Wooden Rakes, Sheave Forks, Hay Knife, Single & Double Hay Hooks, Grindstone, Emerystone; Corn Sheller, Coyote Trap, Walking Plow, 1 Hrp Plow, Side Saddle, Anvil; Vise, Pipe Vise, Cast Iron Seats; Cast Iron Tool Box; Wooden Plains, Bob Sled, 1 Hrp Sled, Barrels; Platform Scales; P & Beam Scales; Craftsmen Band Saw, Old Wall Telephone, Cane Chairs, Odd Chairs; Tables, Chestnut Bench Table; Kitchen Cabinet, 2 Camel Back Trunks; Wooden Ice Box, Crocks, Jugs, Kelv Dryer, Maytag Wringer Washer

Many more items too numerous to mention, Not responsible for accidents day of sale No out of state checks accepted

Refreshments available

Sale By

IVAN J. & ROSA F. CLARK

Auctioneers

Lloyd H Kreider & Randal V Kline

Gary L. Shirk

KREIDER & KLINE AUCTION SERVICE

Phone (717) 786-3394

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

PUBLIC AUCTION

OF FARM EQUIPMENT

SATURDAY, FEBRUARY 21

10:00 A.M.

Location: Take Route 272 North from Ephrata to Route 897, take Route 897 North to Reinholds after crossing railroad tracks in Reinholds take 2nd road left "Swamp Bridge Road" to 2nd farm on right "Feed Mill Farm #4", West Cocalico Township, Lancaster County, Pa.

Due to a change in their methods of farming the undersigned will offer the following items for sale at Public Auction.

Oliver 1365 Diesel

with Cab, W.F E

International 606 Industrial Tractor

with Loader and Shuttle Shift

Massey Ferguson 135

with Quick Change Wheels

John Deere A

HESSTON MODEL 320 SELF-PROPELLED HAY CONDITIONER, Atlas 2500 lb. Fork Lift, needs repair, JOHN DEERE MODEL 336 BALER with Automatic Tension Adjuster; WHITE MODEL 348 AUTOMATIC RESET 3x18 3-POINT PLOW; FARNAM 3 POINT PASTURE RENOVATOR LIKE NEW: International No. 350 11-ft. Disc Harrow on Transport; Brillion 7-Tooth Chisel Plow, Mayrath 6"x47' Auger on Transport, Stevens Mfg Flatbed Wagon, 2 other Flatbed Wagons, 4-Row Rear Mount 3-point Cultivator; Sauder FHV-20 Loader with Snow Bucket; John Deere 12-foot Fertilizer Spreader, Badger Harvester with Hay Pickup Head and 2-Row Wide Cornhead, John Deere No. 130 3x16 Trip Plow, Massey Ferguson 3-point Rotary Cutter, needs repair.

International 4-Section Rotary Hoe, Sauder Snow Plow, 2-Row 3-point Cultivator, Bale Giant 48-ft. Skeleton Elevator, Seed Buro Conveyor; Auger with Motor Mount, 42" Crop Drying Fan with 7 5 H.P motor, 15' Bucket Elevator, 55 gallon Feed Mixer, Zimm-o-matic 12"x9' Manure Auger; McCormick 1-Row Potato Planter, Dearborn Cornsheller, P T O Lagoon Pump P T O , Allis Chalmers #60 Pull Type PTO Combine, 55 gallon Concrete 3-point Weight, Approx 30'x6" Grain Auger with Hopper

Deutz Diesel Engine Power Unit

6 Cylinder, 135 H P with only 2400 hrs

Ditch-Witch Model C-4 Trencher

25 Ton Mixed Hay

in Large Round Bales

20' JAMESWAY VOLUMATIC II RING DRIVE SILO UNLOADER, 68' RESSLER TAPER BOARD FEEDER, 30' RESSLER CONVEYOR, Maternal Robot #602 Calf Nurser, 2 High Pressure Washers, 2 18" Air Stream Fan, Flex Auger, Homelite Chain Saw, Woven Wire, Used Tires, Steel Storage Racks, several 100 lbs of Nails, Electric Motors, 4 Condensate Pumps, 3 Refrigerators; Electric Baseboard Units, 55 gallon Drums, Tobacco Press, Lambing Crates, Window Casings, 50 gallon Galvanized Vat , Rheems Water Heater, 10 Wooden House Doors, Rabbit Feeders; Potato Plow, Pile Scrap Iron, Wooden Pallets, 7 Locust Posts, 55 gallon Molasses, Log Chain, 6 Rolls Snow Fence, 6 Solid Barn Doors, Used Siding, 2 Egg Cool Egg Coolers, Floor Gas Heater, Columbia Warm Air Furnace, Shelving, Wooden and Metal Cabinets, Small Bins on Wheels, Apple Butter Stirrer

Vehicles and Office Items

1973 Dodge Tradesman 200 Window Van, 1970 C-20 Chevrolet Pickup Truck, Old 26,000 GVW GMC Truck with Manure Tank, 1971 Chev Vega, 1973 Ford 300 Econ Van for parts

Remington Standard Typewriter, Royal Electric 1300 Award Series Typewriter, Underwood Electric Typewriter, Metal File Cabinet, Office Desk, and many other items

Auction by order of

DUTCHLAND LABORATORIES, INC.

R D #2, Denver, Pa.

215-267-4921

Auction Conducted by

John E and Paul E Martin, Auctioneers

717-733-3305 — 717-733-3511,

Ephrata, Pa

FOOD AT AUCTION

PUBLIC SALE

Valuable Modern Horse Drawn Farm Machinery

3 Big Smooth Mouth Sorrel Work Horses

10 Ton Ear Corn, 500 Bales Good Quality Mostly Alfalfa Hay, Dairy Equipment, Etc.

On Farm 15 miles N. of Danville, Pa., ½ mile W. of White Hall along Rt. 44 (Montour Co.).

THURSDAY, FEBRUARY 19

starting 11 A.M.

1951 Farmall M Tractor on steel w/belt pully & PTO; 2-14.9x38" Rubber Tires; Oliver 2-14" Trailer Plows w/radex bottoms; J.D. 28 Disc (10') double disc; N.I. 323 1 row picker on steel, only used less than 150 acres; McD. Corn Binder w/engine mount, used less than 100 acres; wagon loader for binder; McD. 7 & 12A Ensilage Cutters, McD. 9 ground driven 7' trailer regular gear mower on steel, nice; N.I. Crimper w/engine mount & carts on steel; N H. 56 Rake on steel; N.H. Super 68 Baler on steel w/recently overhauled Wisc. 2 cyl. engine; 16' farm wagon; J.D. 10' Lime Drill; Cross 34 A.P. Elevator as is; N.I. 206 Spreader for parts; McD. 9 Mower for parts; Quantity of scrap farm machinery; parts of AC100 combine; Autoturn & Tandem Hitch Truck Carts; Campbell-Houser 3 to 5 h.p. 2 stage air compressor; Burdex 200 amp welder; Deutz F2L912 w/28 h.p diesel power unit, only 2 years old; 12V Diesel Battery; 2 Wisc. VE-4 engines, 1 w/reduction gear, other reduction gear, 3 B. & S gas motors up to 10 h.p., Quantity of firewood; Peight 18 can milk cooler w/S.S. interior; Lehigh 11302 3 h.p. Cooling Compressor; DeLaval 75 vacuum pump; Rheem 30 ga. gas water heater, Can Rack; S.S. Milk Strainer & twin wash vats; Silage cart & fork, Cow kickers; Stewart Air Clippers; 4 sets work harness; collars; bridles; yokes; Hitches up to 7 horse; small items; etc

Owners:

BENUEL S. & ANNIE Z. STOLTZFUS

Auct. Max Fraley & Son,

546-6631

Lunch Available. Bus coming from Lancaster Co. contact Jacob B Stoltzfus, Box 327, Christiana, Pa. 17509 before 2-13-81. Free transportation for $100 or more purchase.

PUBLIC SALE

OF FARM MACHINERY & BEAN HARVESTERS

THURSDAY, FEBRUARY 26

11:00 A.M.

LOCATED: 4 miles West of the Maryland Line on Freeland Rd. - or ½ mile East of Middletown Rd. on Freeland Rd.

Tractors - 8 Tractors - Farmall 1206 w/Turbo - 3 pt. - wide front 23x34 rear tires; Farmall 1206 w/Turbo - 3 pt - wide front 24.5x32 rear tires, 1800 hrs.; Farmall 450 Gas w/Fast hitch & Power steering; Farmall 350 Diesel w/Fast hitch & Power steering; Farmall 300 Gas w/Fast hitch & Power steering; Farmall 230 Gas w/wide front & 2 pt hitch; Farmall 130 tractor; Allis Chalmers HD 6 Dozer; International 503 Combine w/13 ft. Grain head, 430 - 4 Row Narrow Corn head - Diesel motor & cab, 30 ft 6" Grain Auger w/under carriage - P T.O drive, A B. Farquer 4 row Bean Planter, Woods C114 Rotary Mower, 3 - Chisholm Ryder Bean Pickers w/carts mtd. on 504 Farmalls, partly new belts & brushes, model HB26 High Boy, International 700 Semi Mtd 7x16 Plow (on land hitch), International 560 Semi Mtd Plow (in furr hitch), International 475 17 ft Wing Disk; 16 ft. Spring tooth Harrow w/carrier; John Deere 602 Fertilizer Spreader; Century 300 Gal Trailer Sprayer w/Booms; International Cyclo Planter 4 Row w/no-till attachment & adjustable row width; International 510 Double Disc Grain drill 18 disc, International 4 Row front Mtd Culti , Oliver 540 - 4 row Planter.

Several small items off wagon

TERMS: CASH OR GOOD CHECK.

PAUL & PATRICIA BEDGAR

2108 Freeland Rd.

Freeland, Md.

Ph. 301-357-5677

AUCTIONEER: Blaine Rentzel

Emigsville, Pa

717-764-6412

AUCTIONEER'S NOTE Mr. Bedgar is discontinuing his farm operation & has no longer use for this machinery There are very few small items We will start promptly at 11 00 A M

PUBLIC SALE

HOLSTEIN DAIRY CATTLE

The undersigned, discontinuing the dairy business, will sell the following at public auction at the ABERDEEN SALES CO. INC., Livestock Auction Market, located on Md. Rt. 22, 6 mi. east of Bel Air, Md. via U.S. Rt. 1 or 6 mi. west of Aberdeen, Md., via I-95 or Rt. 40 in Churchville, Harford Co., Md. on

WEDNESDAY, FEBRUARY 11

6:30 P.M. Sharp

61 HEAD OF HIGH GRADE HOLSTEIN DAIRY CATTLE 61

This is a very young herd of cows. Approx 75% are 2-3 yrs. old. This herd has used Sire Power Service since the start of the dairy business. Approximately 20 cows freshened in the last 90 days; balance are milking and re-bred for average months. The herd is TB Accredited, Certified Bangs Free; tested withing 30 days of sale for shipment. Information pertaining to each cow will be available at sale time. Herd will be checked for pregnancy.

TERMS: CASH

OWNERS:

MR. & MRS. CLAUDE WALKER

Bel Air, Maryland

Phone: 301-836-9683

ABERDEEN SALES CO. INC.

Sale Managers & Auctioneers

Phone: 301-734 5050 or 734-7105

ZIMMER—LAND

DISPERSAL SALE

Due to ill health and discontinuing farming, will sell on farm located 6 miles southwest of Frederick, Maryland, on Route 15, south on Mountville road, east on Howard Stup Road, south on Cap Stine Road, 1st farm on right.

WEDNESDAY, FEBRUARY 18

at 9:30 a.m.

Six Tractors & Late Model Farm Machinery

Massey Ferguson 1155 diesel tractor, P S, W F., deluxe cab, air, AM-FM radio, 540 and 1000 P.T.O., 500 hrs.; M F. 165 diesel low profile tractor, W.F, P.S., multi-power; M F 165 diesel crop profile tractor, cab, W.F, P S., multi-power; Farmall H tractor, Massey Harris 44 tractor; M F 7 HP lawn tractor with rotary mower; cult. for M F. 165; M.F. 880 5-16 automatic reset plow; J.D 2-14 automatic trip back 3 pt. plow, Brillion 02 chisel plow, 5 ft., Athens heavy 12 ft. transport disc, Dunham 12 ft transport disc; Int 36 tooth trip spring harrow, 24 tooth frame harrow, cultipacker; M F 15-7 disc grain drill; White 543 no-till 4 row 36 in plate corn planter with fertilizer boxes, N H 890 forage harvester with 2 wide row corn head and elec. controls, used 2 seasons, N.H. 36 flail chopper, N.H 25 whirl a feed blower; 35 ft 9 in pipe; Lilston 7-six 3 pt. rotary mower, N H 479 Haybine, N H 258 side rake, N.H 276 Hayliner baler with thrower, N H. 28 ft elevator with 1 hp. motor; N.H. Crop Carrier 8 silage wagon with wide chassis and high floatation tires; 3 Grove silage wagons, Grove gravity wagon with hydralic auger; 18 ft. self feeding wagon on Grove chassis; 5 rubber tire wagons with hay sides, flat bed rubber tire wagon, 2 wheel farm trailer; N H. 518 manure spreader with hydralic ram and tail gate, N H tank spreader; J.D fertilizer or lime spreader, Century 200 gal. fiberglass tank field sprayer, Winpower portable generator, used twice, 3 pt 7 ft scraper blade, 3 pt. post hole digger, Jet high pressure washer with hoses; walking and riding horse drawn cultivator, gasoline 2 in water pump; hydraulic cylinders, locust posts, scrap metal, Stewart cow clippers; Rhinehart elec dehorners and other barn tools; drill press, leg vise, bench grinder, hydraulic jacks, bolts and nuts and tools from fully equipped farm shop

1967 Ford 1 ton truck with good 10 ft cattle body.

NOTE This equipment is very clean, most having always been in shed, well maintained, some like new condition and ready to go to work.

Terms: Cash - not responsible for accidents.

MR. & MRS. SAMUEL G. ZIMMERMAN

Telephone: (301) 898-3373

Auctioneer: Robert C. Mullendore

Clerk: C. L. Metz

—LUNCH RIGHTS RESERVED—

PUBLIC SALE

of 15 Acre Farmette & Personal Property

Sat., Feb. 21, 1981

@ 2 P.M.

Located mid-way between Reamstown & Ephrata, along South Main St., Reamstown. From square in Reamstown take South Main St. approx. 1 mile to property. East Cocalico Twp., Lanc. Co.

REAL ESTATE

House 2 story brick & frame dwelling, full basement 1st. flr has kit., liv. rm & fam. rm w/fireplace & open stairway, also laundry & storage rm, ½ bath. 2nd flr. has 4 bdrms., 2 sm storage rms & full bath. O.H.A. heat.

Water Supply Well & pressure system.

Garage. 2 sty. 2 car garage w/large storage rm on 2nd flr.

Barn. Small barn w/several rms & stables for horses or cattle

3 Chicken Houses 24x130 & 24x105 frame houses equipped w/feed carts on tracks also water & stoves. 24x60 block house w/water & stoves

Land. Approx 15 acres of level limestone soil.

Zoning. R-1

Terms: 10% dn. day of sale, 45 day settlement, financing avail. to qualified buyer. Insp. by appt. Call: HORNING FARM AGENCY, INC. 215-286-5183 or 215-267-6608.

REAL ESTATE TO BE OFFERED @ 2 P.M.

PERSONAL PROPERTY

Ariens Hydrostatic 5-12 Garden Tractor (good cond.), Generator - K W 20-K V A 25 - 104 Amp single phase 120/240 powered by a 223 cu in Ford engine, 2 Feed carts, swing & sink.

Terms By

LYDIA W. & ANNA MARY NOLT

K. L. Shirk III, Atty.

Elton & Alvin Horning Auctioneers

HORNING FARM AGENCY, INC.

Main Street

Morgantown, Pa.

215-286-5183

HAMMONDALE ACRES

MILKING HERD DISPERSAL

at the farm located three miles north of Chambersburg, Pa., one mile south of Letterkenny Army Depot, Gate 1, between Cheesetown and Salem Church on Funk Road, on

SATURDAY, FEBRUARY 21

SALE AT 11:30 A.M.

70 REGISTERED & GRADE HOLSTEINS, 27 ARE REGISTERED

Certified, Accredited; Preg checked; I B R nasal shots. A top herd of young cows with size, good udders and high production, herd consits of 46 second calf heifers that have been fresh twice or due with second calf. 2 are older and bal fresh with first calf or springing with first calf 28 head fresh Dec., 12 due in March, bal. various stage of lactation Reg animals inc. 4 by Hbg Gay Ideal, 3 by Whittier Farms Apollo Rocket, others by Rosemere Fury Ivan, Mooktown Optimist, Killinsdale Ivanhoe Jack, Suntop Rag Apple Grandier, E Z Acres Burkgov B Acclaim, Willsholm Regal, 2 Red and White grades Bred animals carry artifical service of sons of Elevation, Milestone, etc

SALE MANAGERS NOTE. The Hammonds are selling all milking and springing animals. If you need milking or breeding animals don't miss this sale

Write Sale Manager for folder

ALSO SELLING — 1978 Ford F 150, ½ ton Ranger pickup, 24,000 miles.

GERALD & MABEL, EDDY & BONNIE HAMMOND & FAMILY

3618 Funk Road,

Chambersburg, Pa. 17201

Phone: 717-263-4227

Ralph W. Horst,

Marion, Pa. 17235, Manager

Ralph W. Horst and V.A. Kling,

Auctioneers

Fred M. Naugle, Pedigrees

Gossert and Carty, Clerks

Cattle on feed hit record high numbers

HARRISBURG — Pennsylvania farmers had 2,050,000 cattle and calves on hand January 1, 1981, according to the Pennsylvania Crop Reporting Service, a five percent increase from the January 1980 level of 1,950,000 head.

This sets a record for cattle and calves on hand in the state.

The Keystone State's calf crop for 1980 is estimated at 820,000, up eight percent from the 1979 crop. All cows that have calved at 933,000 was three percent more than a year ago. Milk cow numbers at 718,000 were up one percent from January 1980.

Milk cow replacement heifers 500 pounds and over, at 274,000, were up three percent. Beef cows, at 215,000, were nine percent above a year earlier. Beef cow replacement heifer at 51,000 head were up 11 percent.

Other heifers 500 pounds and over at 58,000 were up 14 percent. Steers and bulls in this same weight category were up 12 and 10 percent respectively from last year. All calves under 500 pounds numbered 422,000, six percent above January 1, 1980.

All U.S. cattle and calves on January 1, 1981, totaled 115 million head, three percent above January 1 last year and four percent above January 1, 1979. This is the second year of the current cattle cycle's upward trend.

All cows and heifers that have calved, at 49.9 million head, are up four percent from both a year ago and January 1, 1979.

Beef cows, at 39.0 million head, are up five percent from last year and milk cows at 10.9 million head are up one percent from 1980.

Other class inventories on January 1 and their changes from last year are as follows: all heifers 500 pounds and over, 17.9 million, up four percent; milk replacement heifers, 4.35 million, up five percent; beef replacement heifers, 6.19 million, up four percent; other heifers, 7.33 million, up three percent; steers 500 pounds and over, 15.6 million, down three percent; bulls 500 pounds and over, 2.56 million, up three percent; and heifer, steer and bull calves under 500 pounds, 29.1 million, up six percent.

The 1980 calf crop, at 45.4 million head, is six percent above the 42.6 million born in 1979. This is the first increase in the calf crop after five consecutive years of decline.

AUCTION GOERS!!

Come to the Auction at Stewart's Oil & Tire, in Kanona, N.Y., Rte. 415, 3 mi. w. of Bath, N.Y., 25 mi. from Lawrenceville, Pa. on

Fri. Eve., Feb. 13

at 6:30 p.m.

Selling shop tools, office equip., tires and oil, trucks 3,000# forklift, Motorola 2-way Hi-band FM base and antenna w/2 h.d. units, 2 smaller units, and 2 phone units. A sale of good items for garagemen and farmers!!

For full list mailed you, or info, contact

Rumsey Sales,

Bath, N.Y.

607-776-3478

PUBLIC SALE

Farm Machinery

Household Goods

SATURDAY, FEBRUARY 21

10:30 A.M.

Located in Lancaster County, PA - 2 miles west of Gap on Mine Rd. At Kinzers turn south on Kinzers Road to Nickel Mine Road, turn east to sale. From Gap cross bridge opposite town clock turn left, follow to sale.

FARM MACHINERY

Ford 5000 diesel tractor, select-o-matic speed, 15-5-38 tires, wide front, 4500 actual hours, A-1 condition; International 574 diesel tractor, 16-9-30 tires, wide front, standard shift, 550 actual hours, like new; Model FHV20 Sauder loader, full hydraulic control, 72" dirt bucket, Ford 3 bottom plow, 14", 3 pt., Ford spring tooth harrow, 3 pt., 1^ ft; Massey Ferguson 8 ft disc harrow, 3 pt, Oliver 251 transport disc harrow, 10 ft.; New Idea No. 214 manure spreader, 195 bu. flail spread, hydraulic end gate w/cylinder; 12 ft. wooden drag; 3 pt. adjustable row marker; 3 pt anhydrous ammonia applicator, 5 tooth; 3 pt Ford hay rack, P T.O.; concrete tractor rear weights; tractor chains 16-9-30; Model 740 portable kerosene blower heater; Twentieth Century electric welder w/battery charger attachment; welding accessories; 1 H.P. Campbell Hausfeld air compressor; Handyman jacks; Heat Houser fits 5000; potato plow; Stainless Steel milk strainer; 24 gal motor oil for diesel, series 3; John Deere hi-pressure washer; electric fencers; metal parts bin; 2 brooder stoves, 1 gas, 1 electric, Ker-O-Sun heater; pipe threader and cutter, ¾" drive socket set; cow clippers; feed cart; electric cords, log chains; shovels, brooms, forks; bolt cutter; feed bags; wheelbarrow; pick-up truck cattle racks, narrow bed; wagon load of small items

Pea & Bean Huller - Fiberglass overhead door, complete, like new

HOUSEHOLD GOODS

Oak dresser; oak chest of drawers, dowel pin drawers, 2 metal wardrobes; wooden wardrobe w/full length mirror & drawers; buffet, server; 40' Frigidaire electric cook stove; hide-a-way bed; aluminum kettles; portable electric baseboard heater, full size bed, spring & mattress; roll-away bed; jars; items out of attic.

TERMS BY:

AARON & NAOMI BEILER

AUCTIONEERS:

Steve Petersheim

215-869-2508

Everett Kreider

NOT RESPONSIBLE FOR ACCIDENTS

LUNCH BY

LINVILLE HILL CHRISTIAN SCHOOL

SADDLE UP!

To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

Sale Reports

A sale of farm machinery was held Jan. 22 at Eckenrode Bros., R1 Annville, Lebanon County.

Approximately 600 people attended the sale conducted by Harry Bachman, auctioneer.

Equipment sold included Int. 1566 D tractor w/duals, $18,000.00; JD 6600 D side hill combine w/corn head, 35,800.00; Ford 900 truck w/trailer 9,900.00; 67 Chev. truck with 16' Midwest box, 6,000.00; JD 230 disc harrow, 6,700.00; JD 3020 D tractor, 6,700.00; AC 16½' field cultivator, 1,550.00; JD 400 rotary hoe, 1,550.00; GT 750 grain dryer, 3,100.00; NI 45' auger on rubber 1,125,00; bale wagon, 1,000.00; Int. 400 corn planter 1,850,000; pr. 260 poly tanks w/frames 1,100.00.

A Holstein Dispersal was held January 27 by KZ-Clear View Farms, 2 miles west of East Berlin, Adams Co., Pa A large crowd attended the sale.

The top priced cow sold for $2500; 2nd high was $2375; 3rd high was $2175 and two cows sold for $2000 each. The average of the 78 milking cows was $1390.

Clair R Slaybaugh was the auctioneer.

xxx

A Feeder Pig Sale was held January 31 by Alvin H. Martin, 1 mile south of Lebanon, Pa.

Prices were as follows: 35-45 lb. $15 to $20 by hd.; 45-55 lb. $20 to $25 by hd.; 55-75 lb. $25 to $33 by hd. There were over 200 head sold with an average for the whole sale of $26.75 each.

Merle Eberly, Auctioneer.

xxx

A Public Auction of farm equipment was held January 30 by Leroy A. Wessner, between Leesport and Reading, Berks Co., Pa.

Items sold were Oats $3 per bu , Barley $3.30 per bu., 1st Cutting Hay $102 per ton, 2nd Cutting Hay $124 per ton, Oats Straw $55 per ton, N.I Cutditioner $1025, J D Haybine $475, J.D. 3pt. 3-B Plow $340, Int. 47 Baler $620, Bale Wagon $875, 7' Chisel Plow $900, 4-B 3pt Plow $800, J.D. 3020 D Tractor $5900, Nufield 4/65 D Tractor w/front end loader $3000, J.D. 40 Tractor w/cultivator $1075, J D. 48 Front End Loader $1075, J.D 630 Tractor $2100, J d. 1520 Tractor $4400, Front End Loader $250, Oliver 88 Tractor $620 and Ford 6000 Tractor $1525.

Sale conducted by Ralph W. Zettlemoyer Auct. Co., Inc.

xxx

A Public Auction of a 12 acre farm and farm equipment was held January 31 by Melvin B. and Ruth E. Martin, 908 Mt. Zion Rd., Lebanon, Pa. There were over 400 people attending the sale.

The 12 acre property with a 2½ story frame dwelling, 2 story bank barn and 2 story chicken house was sold for $56,500 to Reed B and Margie N. High, R.D. 2, Myerstown, Pa.

Other items sold were: Ford Lawn Tractor $1275, Ford Diesel Tractor $2600, J.D. Grain Drill $450, 1976 Plymouth Station Wagon $2325, Bedroom Suite $210, Frig. Washer & Dryer $300 each, Chest Type Freezer $290 and Refrigerator $210.

John E. and Paul E Martin were the auctioneers

xxx

A Public Auction of farm equipment was held January 29 by Allen S Nolt, between Topton and Fleetwood, Berks Co., Pa.

Items sold included Super M D on steel wheels $1525, Int. 234 Cornpicker $600, Badger Grinder Mixer $975, M.F. Haybine $350, J.D. 4-row Cultivator $175, Family Carriage $800, Home-Grown Clover Seed $53 to $60 per bu., Bred Pony $190 and Pony Spring Wagon $220.

Sale conducted by Ralph W. Zettlemoyer Auction Co , Inc.

PUBLIC AUCTION

VALUABLE FARM EQUIPMENT
HAY — STRAW
SATURDAY, MARCH 14
10:00 A.M.

Located just South of Bainbridge, Pa. Take Wickersham Rd. East from Rt. 441, first lane right after passing Arnolds Weld Shop.

2 Steer Calves
1 App. 450 lbs - 1 App. 600 lbs.
App. 100 tons Alfalfa Hay.
App. 25 tons Straw

Farm equipment includes: Bear Cat 5A Hammermill; 2 - Shelby Vertical Mixers; G.M. Power Unit Le Roi Air Compressor; Bulk Feeding Unit; 100' Auger; 30x60 Metal Silo to be moved; Conveyor; Misc. Electric Motors; Tobacco Scaffold; Corn Crimper; Supplement Blender - Automatic; 52" Kools Silage Blower; A.C. Blower with motor; N.H. 490 Haybine; Fertilizer Spreader; Aluminum Elevator; Badger Heavy Duty Ensilage Wagons; 250 gal. Water Tank; Badger Silage unloader 15'; Bolens 18 H.P. Riding Mower with Hammer Knife Mower; Metal Troughs; Toledo Dial Milk Scale; 28 Disc Harrow; Fox 3000 Harvester with Sharpener; Mack Truck Tractor 1953 Mdl. Tobacco Wagon Wooden Wheels, Tobacco Presses, Scrap Iron also numerous valuable small items not listed.

Sale By
A. & R. NISSLEY INC.

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626 2636
Richard Murry 626-8175 949 2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

ANN-JER FARM
MILKING HERD DISPERSAL
THURSDAY, FEBRUARY 12
at 1:00 P.M.

Rexville, NY. Located 6 mi. south of Rexville, 2½ mi. north of Whitesville, 1 mile east of Rte. 248 on Salt Peter Road.

Rolling herd average (29 head): 15,815 3.8% 603f. BAA 103. Two "EX", and ten "VG" cows sell. 12 head are first or second calf heifers. An "EX-91" Triune Galaxy sells with 18,893 4.3%-811f and bred to Star Man. An "EX" Standout sells with 4 records over 17,000 and 600 fat, and due to Astronaut. A fancy Double Triune "VG-87" and all 1's and 2's with 4-3 19,716 628f sells with her 3 yr. daughter by Rosemere Fury Ivan. A "VG-87" 3 yr. by Frangin Elevation Royal with 3-0 13,234 4.5% 593f; her dam a "VG-88" Kennedy. A Frangin Bootcharm Ace "VG-88" sells fresh with 5-2 17,030 3.8% 655f. A fancy Silverwood Citation Orbit "VG-85" at 3y with 2-0 15,225 517f and due to Valiant. A "VG-86" Flame with "EX-Mammary" sells fresh with 3-4 16,811 3.5% 586f; her dam is "EX" with 837 fat and 141,000 lifetime. A "VG-85" Astronaut with 600 fat at 3y and due to Mars. A "VG" Utah Ivanhoe Ultimate with 3-9 322 14,229 5.1 739f and due to Sexation.

There are no drinking buckets in this barn, the cows still go out to a tank for water. This is a partial listing of the good young cows in this herd. Reserve the date and be with us on Lincoln's Birthday for the opportunity to buy some truly fine registered Holstein dairy cattle that have great potential for the future.

TERMS: Cash or good check day of sale with ID, nothing to be removed until settled for.

CREDIT: Available by contacting Doug Kendall at Genesee Country Bank, Warsaw, NY, phone 716-786-3195 prior to the sale

Owner,
MR. & MRS. JERRY SMITH
Ph. 607-356-3467
WILLIAM KENT, INC.
SALE MANAGER & AUCTIONEER-
BERGEN, NY 716-494-1890

LONG

NEW TRACTORS — USED PRICES

SPECIAL LONG TRACTOR PRICES -

ONE DAY ONLY - THURSDAY FEB. 12

TRACTOR MODEL	TIRE SIZE	HORSE POWER	LIST	SALE PRICE
260C	5.00x15/12.4x24	24	$7,156	$5381.00
310C	5.00x15/12.4x24	28	$7,602	5364.00
310	5.00x15/12.4x28	28	$8,093	5875.00*
* Includes tiller or rotary mower - deduct 500.00 if not wanted				
310DT 4 wheel drive	9.50x16/13.6x24	28	$8,732	6369.00
360C	5.00x15/12.4x24	35	$8,110	5812.00
360	6.00x16/13.6x28	35	$8,618	6055.00
460	6.00x16/14.9x28	42	$9,529	6367.00
460 Schuttle	6.00x16/14.9x28	42	$10,447	6950.00
460DT 4 wheel drive	10.5x20/14.9x28	42	$12,283	8371.00
510	6.00x16/14.9x28	49	$10,163	6632.00
510DT 4 wheel drive	10.5x20/14.9x28	49	$13,069	8728.00
510S crawler		49	$13,862	9768.00
610	7.50x16/16.9x28	64	$11,856	8023.00
610DT 4 wheel drive	10.5x20/16.9x28	64	$14,859	9806.00
610SM crawler		64	$16,817	10934.00

★ All Above Tractors Include: power steering, diesel, 3 point hitch, etc. Other options available at minimal charge like weights, etc. All prices are quoted serviced properly FOB Myerstown, Pa.

★ CASH DRAWINGS EVERY 30 MINUTES - YOU MUST BE PRESENT TO WIN. FREE SODA'S AND COFFEE ALL DAY LONG.

WENGERS FARM MACHINERY, INC.
S. RACE STREET, MYERSTOWN, PA
717-866-2135

PUBLIC AUCTION

Having decided to discontinue farming, I will sell the following on the FARM...Take Route 20 west from Chestertown, turn left on first road (Airport Road), 1 mile to farm on left (past Collins Road), Signs posted from Chestertown, Md.

SATURDAY, FEBRUARY 21

at 11:00.A.M.

FARM MACHINERY: John Deere 6600 Diesel Combine w/6 row 30" corn head #643, 15' Felx-head grain table #215, Hydrostatic drive, 1300 hrs., A/C Cab, AM-FM Radio. John Deere 4440 Diesel Tractor w/factory duals, A/C Cab AM-FM Radio (900 hrs.). Int. 1066 Turbo Diesel Tractor w/factory duals (2116 hrs.). JD 7000 Planter 6 row 30" Fert. Auger (New 1980). JD 6 row rear Cultivator. Gandy 15' applicator (front mount) Hyd. drive, 15' Lely Roterra, Int. 13' Chisel plow 2 bar & mulcher, A.C. 16' Field Cultivator w/mulcher, Int. 18' Fold Disc #475, Dunham 18' Cultipacker crowfoot on wheels, G.T. Grain cleaner, 2 - 200 gal. saddle tanks for anhydrous amonia plus controls, 2 glass 200 gal. saddle tanks, 2 metal funnel wagons, 2 - 18.4x34" tires, 2 - 16.9x38" tires, 14' dump body, Lilliston 7'6" rotary mower, Ford front end loader for Jubilee, 1 row cult. & planter for Int. Cub, 2 row cult. & planter for cub, Ford side rake, etc.

G.T. 500 Bu. Batch Corn Dryer - PTO drive, also Batch Dryer-heater, Farm Systems 54' x 8" Auger, Conrad 5800 Bu. Grain Storage & Fan (2 yr.), Superior 7800 Bu. Grain Storage Tank w/8 h.p. fan. 1967 Ford 800 Tandem 20' Grain Dump Truck (air brakes). 1963 Chev. 60 series w/16' Hyd. grain dump body (air brakes). 1959 Chev. 14' grain dump truck.

Owner,
EBEN WATERFIELD
Chestertown, Maryland
HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers
of Galena, Md.

LUNCH

PUBLIC SALE

Having discontinued farming will sell located 1 mile southeast of Frederick, Md. or off I-70 on 355 exit, take Adventist Road across from 76 Truck Stop to New Design Road, south 1st farm on left.

MONDAY, FEBRUARY 16

at 10:00 A.M.

JOHN DEERE TRACTORS AND FARM MACHINERY

John Deere 2520 diesel tractor, W.F., P.S.; John Deere 1010 Special gas tractor, W.F.; John Deere 170 skid loader w/utility bucket and manure fork; JD F34B 4-16 automatic reset plow; JD F950 cultimulcher; Bush Hog 10 ft. transport disc; JD 1600 chisel plow, 9 ft. w/flex spring; White 543 six row convet. - no till corn planter w/fertilizer and insecticide boxes and Dickey John; JD 15-7 grain drill; JD 507 Gyramore 7 ft. rotary mower; JD 50 scycle bar 7 ft mower; Ford side rake; JD hay fluffer; JD 24T baler w/thrower; JD 1209 mower-conditioner, 9 ft.; N.I. 32 ft. elevator w/new 1 Hp. motor; 24 ft. mow conveyor; 4 Grove wagons w/hay sides; metal 14 ft. single axle dual wheel tilt trailer w/hand wench; JD 79 tank manure spreader, right side load; JD 3 pt. 6 ft. scraper blade; Souder snow blade; 3 pt. post driver; 4 new metal calf pens; feeder trailer; Seed Easy tractor seeder; Chev. and Ford pickup bed trailers; Omaha cattle rack for Chev. 8 ft. pickup; 5 Hp. roto tiller; 3 pt. 2 row lay off plow; horse lay off plow; one horse 40 in. grain drill, good condition, Lincoln 225 welder; metal round bale feeders; 2 Jamesway feed carts; feed box; water and feed troughs; 4 metal parts bins and cabinets; cattle head catch gate; corn barrel; snow fence; forge; oil tank w/hand pump; I beam; angle iron; R.R. rails; used lumber; plywood and paneling.

CATTLE

7 open Holstein and 2 Angus heifers to 1 yr., calfhood vac. and T.B. tested.

FEED

Approx. 1500 bales of mixed hay.
Approx. 700 bales of straw.
Straw and hay to be sold by bulk.

NOTE: This is good machinery and well worthy of your attention.

TERMS: Cash - Not Responsible for Accidents.

MR. & MRS. RICHARD L. McKNIGHT
AUCTIONEER: Robert C. Mullendore
CLERK: C. L. Metz

—Lunch Rights Reserved—

FIRE PREVENTION
PRESERVES FORESTS

FARMERSVILLE AUCTION

TUESDAY, FEBRUARY 10, 1981

5:30 P.M.

In Farmersville, 3 mi East of Brownstown, Lanc Co., Pa.

Selling for Mary Hellinger Fairmount Home and the Mary Jane Weinhold Estate & others.

2 Waterfall bedroom suites; white chest of drawers; bunk beds; bookcase; recliner; depression china closet; lawn chairs; portable TV; Singer elec. zig zag sew. machine; step stool; single bed complete; walnut dressers; nice 90 base accordion; Coppertone G.E. refrig. (like new); White G.E. refrig.; quilts; salt & pepper shakers; small appliances; bar w/stereo; pr. maple step end tables; Hoover upright sweeper; 2 pc. Contempory L.R.S.; small 5 pc. breakfast set; double metal bed complete; 3 pc. redwood set; 2 pc. vinyl L.R.S. dishes; linens; pots & pans; etc.; etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

REAL ESTATE

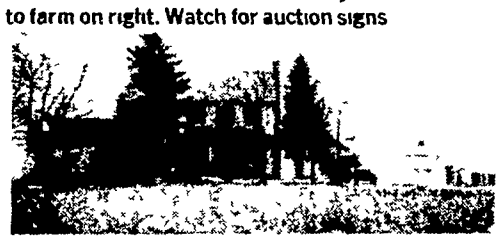
PUBLIC AUCTION

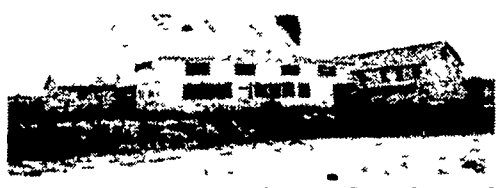
79½ ACRE FARM

THURSDAY, MARCH 5

1:00 P.M.

SALE SITE On the premises in West Cocalico Township, Lancaster County. Farm located along Route 897, Northeast of Ephrata and Lancaster. Travel Route 897 two miles North of town of Reinholds and turn left onto Windy Mansion Road to farm on right. Watch for auction signs





79½ ACRES, MORE OR LESS, with set of farm buildings consisting of old, 2½ story sandstone dwelling dating back to 1830 with large eat-in kitchen, dining room, family room and living room first floor. 3 huge bedrooms and full bath on second floor. Full attic and basement. Modern oil hot water heat plant and electric breaker service. Many new windows. 18" window sills. Also attached 1½ story stone summer house- Stone and frame bank barn with electric and water and new paint, frame workshop and garage 25'x36' with 2- 12'x14' overhead doors complete with electric and water. Smaller shop with electric and water and some additional out buildings with concrete floors. Two 4,000 gallon in-ground fuel tanks. Approximately 5925 feet of macadam road frontage on Windy Mansion Road, Blue Lake Road and Rt. 897.

ZONING: The farm will be offered in 2 separate parcels with 38 acres and buildings in Parcel 1, zoned R-200 and 41½ acres, zoned Agriculture in Parcel 2. Also offered together as a whole.

AUCTIONEERS NOTE: Property is **DEFINITELY FOR SALE** to the highest bidder. Real Estate is ideal for family farm with lot of frontage to control surroundings OR fine for investment purposes and possible subdivision.

FOR INSPECTION, detailed brochure or appointment, call Auctioneer, or come to open house on Feb. 21 and 28 from 1-4 p.m.

TERMS: 10% of purchase price due sale day. Balance to be paid at closing within 30 days.

TERMS BY
JANET MAE & WILLIS GARMAN JR.

KLINE & KREIDER AUCTION SERVICE
Phone (717) 733-1004

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FEBRUARY

SAT FEB 7 - 11.00 A.M Public Sale of Real Estate, Located along Rt 419 in Tulpehocken Twp , Berks Co , PA, 5 miles north of Rt 422 and Womelsdorf, 5 miles south of Rt 22 and Interstate 78 Rehrersburg exit Ridge Crest Farms Owners. Elton & Alvin Horning Auctioneers Horning Farm Agency, Inc

SAT FEB 7-11 30 A M Sale of Real Estate, Household Goods and Antiques Location 40 N 9th Street, Akron, PA. Sale by Esther Riest John E and Paul E Martin, Auctioneers

SAT FEB 7 - 9:00 A.M Public Sale of Shop Tools, Auto Supplies, Animal Health Supplies and Some Surplus Farm Machinery Located in Centre Co , West Main St , Millheim, PA at the Former Wasson Garage Allen Rearick Box 431 Millheim PA owner Mark Glick Auctioneer

SAT FEB 7 - 12 30 P.M Public Sale of Cattle Located at the Cortland Sales Pavilion, Cortland, NY just off I-81 exit 10 toward McGraw on Rt. 41 Sale for Autumn View Farm A.V Zogg Jr Auctioneer

SAT. FEB 7 - 12 30 P.M Sharp Complete Milking Herd Dispersal including bred Heifers of the Jensen Dairy Farm to be held at Smoketown Quality Dairy Sales, Inc 5 miles E of Lancaster, 5 mile West of Intercourse, Rt 340, Smoketown, Pa Sale by Gordon W Fritz, Owner, Carl Diller, Auctioneer

SAT FEB 7 - 11.00 A M Public Auction of Farm, Dairy, and Hay Equipment Location. Going from Smyrna, DE to Leipsic turn on Bombay Hook Refuge Road, last farm on right Harvey Carrow, Owner C T Scuse & Sons, Auctioneers

SAT. FEB 7 9 00 A M Public Sale of Antiques, Household, Glassware, Jewelry, Located taking Rt 34, ½ mile north of Gettysburg, bear right at Y (at car wash) continue 2 miles on Table Rock Rd , to auction service C David Redding Auctioneer

MON FEB. 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

TUES FEB 10 - 5.30 P.M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

WED & THURS. FEB 11 & 12 - Public Sale of Holstein Cattle and Farm Machinery, Located 1 mile north of Leitersburg, MD or 2 miles south of Waynesboro, PA on Rt. 316 or 8 miles northeast of Hagerstown MD on Rt 60. Mr & Mrs. Richard Ebersole Owners Robert C Mullendore Auctioneers.

WED FEB 11 - 6 30 P.M. Public Sale of Holstein Dairy Cattle Located at the Aberdeen Sales Co , Inc Livestock Auction Market, MD Rt. 22, 6 miles east of Bel Air, MD Via US Rt 1 or 6 miles west of Aberdeen, MD via I-95 or Rt. 50 in Churchville, Harford Co , MD Mr. & Mrs. Claude Walker Owners Aberdeen Sales Co , Inc Sale managers and Auctioneers

THURS FEB 12 - 1 00 P M Public Sale of Milking Herd. Located Rexville, NY 6 miles south of Rexville, 2½ miles north of Whitesville, 1 mile east of Rt. 248 on Salt Peter Rd Mr & Mrs Jerry Smith Owners. William Kent, Inc Sale Manager and Auctioneer

THURS. FEB 12 - 10 30 A M 4 John Deere Tractors and Good Farm Machinery Located 1 mile north of Leitersburg, MD, 2 mi south of Waynesboro, PA on Rt 60 Mr & Mrs Richard L Ebersole, Owners Robert C Mullendore, Auctioneer

FRI FEB 13 - 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

FRI FEB 13 - Public Sale of Shop Tools Office Equip etc Located at Stewarts Oil & Tire in Kanona, NY Rt 415 3 miles west of Bath, NY 25 miles from Lawrenceville, PA Rumsey Sales

SAT FEB 14 - 11 00 A M Special Horse Sale at the Belleville Livestock Market, Belleville, PA Selling all kind of horses & mules

SAT FEB 14 - 10.30 A.M. Public Sale of Farm Machinery & few Household Goods Located 13 miles south of Lancaster off Rt. 272 at Rawlinsville Ave or 1 mile north of the Buck between Truce and New Providence along Hopkins Mill Rd Sale by Ivan J & Rosa S Clark Lloyd H Kreider and Randall V Kline Auctioneers

PUBLIC SALE

OF REAL ESTATE, HOUSEHOLD GOODS AND ANTIQUES

SATURDAY, FEBRUARY 21

Sale Time 10:00 A.M.
REAL ESTATE 1:00 P.M.

Located along Rt. 322, 2 miles West of Blue Ball, 6 miles East of Ephrata, Lanc. Co., PA.

10 Room House

2½ story brick and frame dwelling with 4 bedrooms, kitchen, dining room, living room, 1½ baths.

Well and pressure system, oil-fired hot water heat. 1-car garage. Lot size 115 ft. by 250 ft.

Open House (real estate only) Saturday, Feb. 14 from 1:00 P.M. to 4:00 P.M. or for information or inspection call 733-6464 or 354-9255.

Terms. 10% down day of sale. Settlement on or before April 1, 1981.

Household Goods

Frigidaire Refrigerator; G.E. Freezer; Old Rocking Chairs; Folding Chairs; Lawn Chairs; Plant Stands; Bowers Sideboard; Bowers Desk; 2 Sofa Beds (1 like new); Dropleaf Extension Table; Old Extension Table; Domestic Electric Sewing Machine; White Sewing Machine; Hoover Sweeper; Maytag Wringer Washer; Twin Tubs; Half Spindle-back Kitchen Chairs; 6 Decorated Chairs; 4 Beds; Night Stands; Old Stands; 4 Old Chests; Cedar Wardrobe; 3 piece Limeoak Bedroom Suite; 2 Gas Stoves; Utility Table; Play Pen; Step Stool; Clothes Trees; High Chair; 2 Benches; Bathroom Scales; Clothes Hamper; Quilt Frames; Floor Light; Mirrors; some Quilts and Old Bedding; Towels; Throw Rugs and other Rugs; Jars; Bottles; 1,2 & 5 gal. Earthen Jugs; 1,2 & 3 gal. Crocks; Old Books; 7 qt. Canner; Dishes; Cooking Utensils.

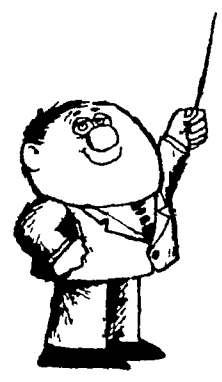
2 Large Iron Kettles; Water Pump with Gas Engine; 200 ft. 1-inch Galvanized Pipe; Small Tools; Nails; Garden Tools.

Antiques

Antique Rockers; Newspaper Rack; 4 Spindle-back Chairs; 2 Bureaus with Glass Knobs; Small Rocking Chair; Large and Small Dressers; 4 Washstands (1 with Towel Rack); Chiffonier; Dry Sink; Porch Rockers; Salt Box; Carnival Vase; Goblets; Depression Glass; Wine Glasses; Coal Oil Lights; Doll Quilts; 2 White Counterpanes; Bread Pans; Tin Measuring Cup; Cherry Seeder; Jars; Bottles and lots more.

Terms by:
ISAAC SENSENIG (Trust Estate)
LLOYD & ALLEN SENSENIG (Trustees)
Auctioneers:
Lamar Z. Sensenig, 354-8116
Paul W. Horst, 445-5119
Weaver & Wentz, Attorneys

Lunch by Martindale Fire Co.
Not Responsible For Accidents



A LESSON WELL LEARNED...

LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

Phone:
717-394-3047
or
717-626-1164

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT FEB 14 - 9 00 A M Public Sale of Farm Equipment and Household Goods Location From Ephrata take Rt 322 East to light at Hinkletown Turn left onto Martindale Road Follow to square at Martindale Turn left onto Grist Mill Road Follow to Hurst Road First farm on left Lancaster Co , PA Watch for sale signs Terms by John A and Edna S Zimmerman Lamar Z Sensenig and Paul W Horst, Auctioneers

SAT FEB 14 10 00 A M Public Sale of Antiques, Tools, Parts and Farm Machinery Locatetd in Chester Co PA 7 miles west Chester in the village of Locust Grove Take Rt 52 to Pocopson Home, go north to Farm Prison at next fork stay left to Locust Grove Terms by Lawrence A Daylor Steve Petersheim and Everett Kreider Auctioneers

SAT FEB 14 Inventory Reduction Sale by S C Hansen Inc , Horseheads NY Sale by Goodrich Auction Service

SAT FEB 14 11 00 A M Public Sale of Holsteins Located along New Design Rd , 1½ miles southeast of Frederick in Frederick Co , MD Take exit at 76 Truck Stop off I 70 and follow sale signs Sale by Mr & Mrs George William Smith III George Wm Smith Auctioneer

SAT FEB 14 11 A M Complete Dairy Herd & Machinery Dispersal Held at the farm known as the former Ellsworth Roe Farm Located on Stewart Rd off Campbell Creek Rd Follow auction pointers from Rt 415 Approx 2 miles North of Bath or 3 miles South of Kanona near expressway underpass Owned by Jack McLoud Sale Managed & sold by Pirrung Auctioneers Inc , Wayland, NY

MON FEB 16 10 A M 2 John Deere and other Late Model John Deere Machinery Located 1 mi southeast of Frederick, MD on New Design Road Mr & Mrs Richard C McKnight, Owners Robert C Mullendore, Auctioneer

MON FEB 16 - 11 00 A M Public Auction of 25 Tractors, Planters and Ground Working Equip , Vegetable Equip , Irrigation Equip , and Other Equip Located on Starkey Farms, Rt 213, 2 miles south of Galena, MD Starkey Farms Co , Inc , Owners Harry Rudnick & Sons, Inc Auctioneers

MON FEB 16 9 00 A M Public Sale of Inventory Reduction, 2 Farm Estates Located 15 miles south of Dayton, 30 miles north of Cincinnati, 2 miles northwest of Lebanon, Ohio 4 miles east of I 75, 4 miles west of I 71 on State Rt 122 and Hart Rd Hale's Farm Equipment Owners Auctioneers Paul Stone, Roland Roberts, Curt Howard Frankie Godley and Stahl Brothers

THURS FEB 17, 10 30 A M Reduction Sale of Inventory Farm Machinery Tractors, Combines, Plows, etc Snowmobiles, Lawn and Garden Tractors, heaters and other small items Financing available prior to sale Located 12 miles South of Lancaster along Rt 272 at The Buck Terms by Wenger Implement, Inc J Everett Kreider and Steve Petersheim, Auctioneers

WED FEB 18 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , Pa Watch for sale signs F Snyder R Martin, C Wolgemuth, J Fry and L Horst Auctioneer

WED FEB 18 9 30 A M 6 Tractors and Late Model Farm Machinery Located 6 mi southwest of Frederick, MD on Cap Stine Road Mr & Mrs Samuel G Zimmerman Robert C Mullendore, Auctioneer

THURS FEB 19 - Public Auction of Farm Equipment Located at 96 Zartman Mill Road Lititz, Pa Henry Z Horning, Owner John E and Paul E Martin, Auctioneers

THURS FEB 19 - Horst's Machinery Sale, one mile east of Marion, Pa , Ralph W Horst, Manager

THURS FEB 19 10 00 A M Public Sale of Farm and Mountain Land to be held at the farm located 1½ mile west of Belleville, Mifflin Co , PA Along Rt 655 (Turn left at Knepp Rd T342, first farm on left Minnie M Wilson Estate Mark Glick Auctioneer

THURS FEB 19 - 11 00 A M Public Sale of Full Line of Valuable modern horse drawn farm machinery, tractor, 3 work horses, produce, dairy equipment, etc Located along PA Rt 44 near White Hall, PA, Montour Co Owners Benuel S and Annie Stoltzfus Max Fraley and Son Auctioneers

THURS FEB 19 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

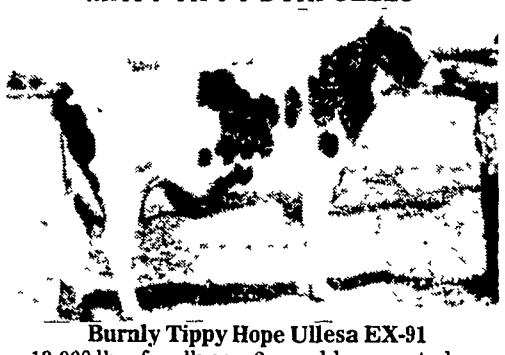
THURS FEB 19 10 00 A M Public Sale of 70 acre dairy farm, Farm Machinery, Milking Equipment, Livestock, Ear Corn, Corn Fodder and Corn silage Located in Salisbury Twp Lancaster Co , PA. 1 mile west of Gap on Mine Rd , take Rt 41 to Gap Town Clock, go west over the bridge, turn left and follow to sale Sale by Christian B and Sarah E Zook Steve Petersheim and Everett Kreider Auctioneers.

HOLSTEIN AUCTION

Smith Mead Farm
Holstein Dispersal
45 Registered — 5 Choice Grades
SATURDAY, FEBRUARY 14
11:00 A.M.

At the farm located along New Design Road, 1½ miles southeast of Frederick in Frederick County, Maryland. Take exit at 76 Truck Stop off I-70 and follow sale signs.

MATT TIPPY DTR. SELLS



Burnly Tippy Hope Ullesa EX-91

18,000 lb of milk as a 2 yr. old, projected over 20,000 this record. Fresh Dec. 2 with a Quality Ultimate heifer calf which also sells.

Exceptional Elevation bred heifer due April to Tiho Kit Builder Dam: EX91, Best udder cow at the 1979 Md. Spring Show. Highest selling milking female at the 1980 Shore Canadian Classic 3-11 19,060 3.9% 754 Second Dam. VG88, 24,990 4 4% 1089 Third Dam: EX91 5 records over 20,000 milk. Fourth Dam. VG88 with over 110,000 lifetime

Outstanding Betty Chief 2 yr. old scored 89 with EX mammary Due Feb. 16 to Roybrook Tempo. Dam: VG 87 20,800 3.6% 756 2nd. Dam EX90 3E GMD 21,200 4.3% 907. Full sister VG88 21,080 4.0% 847.

Quality Ultimate heifer bred to SWD Valiant Dam: VG88 25,850 3 7% 967. 2nd Dam: VG 23,360 3 6% 847. 3rd Dam VG86 24,900 4.0% 985. 4th Dam EX94 3E GMD 20,606 3 4% 892

89 pt. daughter of Rosafe Citation R with 22,120 766 at 3 years.

88 pt. Elevation with 3-11 20,990 4 1% 868

EX C Wenron Telstar Tim with 21,920 3.9% 863

EX C Hanover Hills C R Lucky with 2-6 16,390 558

Sept. Astronaut heifer calf born right to show. Granddam. VG87 26,000 789. 3rd Dam: EX 25,830 1020.

3 milking daughters by Willow Farm Rockman Ivanhoe, others by popular sires such as Bootmaker, Marquis Ned, Matt Tippy, Double Triune, Fury Ivan. Calves sired by Astronaut, Matt Carlo, Jemini, and Quality Ultimate

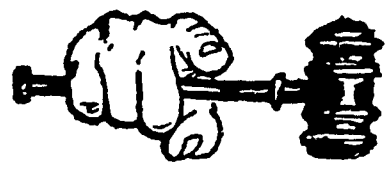
outstanding group of cattle, several milking from 80 to 100 lbs per day Some young cows with show potential This herd has been purchased within the past 2 years from the top breeding herds in the Nation.

Terms: Cash. Not responsible for accidents.

Sale in heated tent — catalogs sale day or mailed on request.

MR. & MRS. GEORGE WM. SMITH III
5504 New Design Road
Frederick, Maryland
Phone (301) 663-9006
George Wm. Smith
Auctioneer
New Midway, Maryland
Phone (301) 845-8815
Frank Cowen
Pedigrees
Walton, New York
Phone (607) 369-9261

LUNCH AVAILABLE



PUBLIC SALE

OF ANTIQUE TRACTORS, ENGINES, NEW, USED AND ABUSED FARM EQUIPMENT, NEW TOOLS & FRUIT
FRIDAY, FEBRUARY 20
At 9:30 A.M.

Located 10 miles East of Lancaster, 2½ miles West of New Holland, turn off of Route 23 on South Groffdale Road, turn left on Musser School Road, Lancaster County, PA.

ANTIQUE TRACTORS

8-16 I.H.C. Slant Hood; WK40 I.H C.; Model Z Case; W12 I.H.C.; Farmall Reg., Farmall 20; J.D. BO on rubber; J.D. Streamlined A.O on Factory Sheet; J D 3 Speed D not running unstyled; J D. 3 Speed running unstyled, J D. 2 Speed D no hood or fender running; J D Late Styled D runs good, has starter, J.D. 3 Speed D, styled hand crank running; J.D. G P on factory steel not running; J D. A R. unstyled running factory electric, J D. G.P. Wide Tread Tractor running, J.D. G P Wide Tread Tractor for parts, Silver King Model 250 4 Wheel Standard, J D Model H in good running order, M M. Model ZT, Super Porsche Air Cooled Diesel; Small Up Right Steam Boiler

GAS ENGINES AND CATALOGS

At least 65 Old Gas Engines including 3 H.P. J D , 1½ New Holland; Taylor Vacuum, I H.C ; New Way; Waterloo; Associated Fairbanks, 2 H P Witte restored; 1¼ H.P Mogal restored; Front King; Y Model Briggs, Cast Iron Seats; 2 in Boiler Tubes; Steam and Gas Catalogs; Arthur S. Young Water Pump, New Holland Wood Saw.

TRACTORS

930 Case Diesel; 660 I H C Diesel Standard, 450 I H.C Diesel, 450 I H C Gas Row Crop, 400 I H C Gas; W9 I.H.C Gas, Farmall M Gas; D17 Allis Gas; WD Allis Gas, LA Case Gas, Massey Harris 55 Gas Standard; Cleat Crawler with Pulley, Blade and V Plow.

NEW EQUIPMENT

N.I. 206 Spreader, 10 ft Pittsburg Harrow, 660 J D. Rake, Lely Spreader, Farmbilt 6 Ton Running Gear

USED EQUIPMENT

N I. 323 Picker, McCormick 1 P R. Picker, Oliver No 5 Picker, New Holland 273 Super Sweep Baler; N.I. 206, 12A, 10A Spreader; Oliver 170 Spreader; J.D. and McCormick Pull Type Discs; 8-9-10-12 ft. Spring Harrow; J.D. Horse Cultivator; McCormick No. 7 and No. 9 Cutter; Papec 16 in. Cutters, M.C. Rotary Scythe, 751-752 N I. Crusher, 404 New Holland Crusher; Nickelson & Grimm Hay Tedders; 455 N.H. Mower; M.C. No. 9 Mower; Brillion 8 ft. Packer Seeder, M.C. P.T O. and G.D. Corn Binder, J D. P.T O. Corn Binder; 2 & 4 Row Rope Lift M.C. Corn Planters; J.D. 999 Cornplanter; M C 12 Disc Rope Lift Grain Drill, Oliver, J D. and M.C. 2 Way Plows; Oliver 12 in & 14 in Trailer Plows, N H 56 Rake, 8-9-10-ft. Cultipacker, N H. 213 Spreader, Potato Plow, Little Giant Bale Elevator; Metal Land Roller, Roller Harrow, 1 Row Tobacco Planter; 8 ft. Windmill and 40 ft Tower, Milk Cans, Metal Office Desk, 8 Can Milk Cooler, Hand and Power Tools, 1-2-3-4-horse Hitches, TRUCK LOAD OF NEW TOOLS, TRUCK LOAD OF FRUIT, FISH AND OYSTERS DIRECT FROM FLORIDA Gas Engines and Antique Tractors will be sold at 1.00 P.M

Terms are cash. Out of state checks must be approved by seller.

Terms by,
ELIAS S. BEILER
601 Musser Road,
Leola, PA 17540

Auctioneers:
Robert E. Martin & Son, 656-7770
Frank L Steller, 656-8195
Blaine Rentzel

Food by Bareville Auxiliary
Not Responsible for Accidents
Closed Sundays

HORNING'S PUBLIC SALE OF FARM EQUIPMENT

at my farm located between Ephrata and Millway, Ephrata Township, Lancaster Co., Pa., along Meadow Valley Road off Route 272 and 322, watch for signs on Route 272 and 322, near Ephrata on

TUESDAY, FEBRUARY 24

Sale at 9:30 A.M.

35 OR MORE TRACTORS - SKID LOADERS - S.P. COMBINES

John Deere 4430 Diesel; J.D. 4230 Diesel; J.D. 4020; J.D 3020 Diesel; J.D.; 4030 Diesel, quad range; J.D. 2510 Diesel, above all have wide front ends; J.D 2030 Diesel; J.D. 350 Crawler Diesel; J D. 420 crawler and blade; J D A; J.D. L with cult and plow; Int. 756 Diesel Int. 464 Diesel with Sauder loader, 835 hrs.; Int 584 Diesel, like new. Int. W 4; Cub and mower; Oliver 1650 Diesel, w.f.; Oliver 1800 Diesel, w f.; Oliver 1250 gas; Oliver 88 and 77; Ford 6000 Diesel; Ford 641 and 8 N; Allis Chalmers 170; David Brown 1212 Diesel; Case #430 gas; Long 460 crawler, 3 pt P.T O., Case 1737 skid loader; Zimmerman skid loader, Bobcat 500 skid loader; M F 265 and loader; Oliver loader; Case loader, other tractors not listed; Gleaner Model S P combine and with cab, 4 row corn and grain heads; Q.T. M.F. 410 with cab, 4 row corn and grain heads; F.

BALERS - HAYBINES - RAKES - COND. - MOWERS

Balers including N.H. 278; 2 N.H 276's; 2 N H 275's, 2 N.H. 273's, N H. 271; N.H. 69, J.D. 346; 2 J.D 336's; 2 J.D 24 T's; Oliver 520, Oliver 620, all above balers have throwers; following balers without throwers — N.H 278, N.H. 273, N.H 275, N.H. 277, N.H. S-66, J.D. 346, J.D. 24 T, 2 J D. 14 T's; N.H. 273 and Super 69 with engines; the following haybines — N.H 489, N.H. 488, 3 N.H. 479's; 3-469's, 2 NH 461's, J D 1209, Int. 990, 2 Hesston P.T 10's 1, New Idea 299, the above are all 9 ft. cut; the following 7 ft. haybines — 2 N.H. 467's, 2 N.H 477's, 1 J D. 1207, Int 990, Hesston P T 7, Case 310 s.p. haybine; N.H. 495 12 ft haybine, 2 N.I. No. 279 cut conditioners, 2 N.I 270 and 2 N.I. 272 cut conditioners, M F 31 3 pt. mower, 2 N H. 450 mowers; N H. 455 trail mower; 2 N.I. 752 crushers; Nicholson hay tedder; 2 N.H. 56 rakes; N.H. 258 rake; M.F and N.I rakes;

HARVESTERS - PICKERS - WAGONS

Harvester inc. the following — Gehl 800, 2 row; Hesston 720, narrow row; N.H. S 717 and N.H. 770, M.F - 260 narrow rows; 1 row harv inc. N.H. Super 717; N.H. 707 3 pt. N H 717; J.D. 25 3 pt ; Gehl 300; Int. 350; J.D. 38 2 row. Fox 2000; Papec and Int 1 rows; Gehl 99 and N.H. S 23 hopper blowers, forage wagons inc. new Gehl 940 - 3 beater, Gehl 310 - 2 beater; N.H. 7 - 2 beater; 2 N.H. No. 8 - 3 beater; Badger 3 beater tandem axle; N.H. 1010 bale wagon; corn pickers inc. new N.I. 323; used N.I. 323; N I. 12 roll 2 row narrow; N.I. 8 roll 2 row wide; N.I. No 10, N.I. picker sheller;

GRINDER MIXERS - SPREADERS - PLANTERS - DRILLS

N.H 352 and Int 1150 grinder-mixers; N H. 790 tandem spreader, 3 yrs old, tailgate; Int. 475 tandem wheel; N.H. 202 ground drive; 2 N.H. tank spreaders; M F. 16 disc drill; planters inc. 2 J.D. 7000's maxi-merge, dry fert monitor; 3 J D. 1240 platéless with disc openers; J.D. 1240 plate planter; 3 J.D. 494 A planters; J.D. 494; 2 J D 290 - 2 row planters; J.D. 246; Int. 56; 2 Int. 456's with insect hoppers; new Int. 400 air planter; used Int. 400 air planter; J.D. 1250 - 6 row planter; Ford 311 - 4 row planter; A.C. no till; Int. 2 row 3 pt., Oliver 44 - 3 pt.; 6 row wide no-till planter;

PLOWS - DISC HARROWS - PACKERS

plows inc. following - White No. 508 4 - 16 semi-mount; White 348 3 - 16 3 pt.; J D. 4 - 16 auto-reset; Int. 5 - 16 auto-reset; Ford No. 142 3 - 16 auto-spring; J.D. 4 - 16 semi-mount; Oliver 361 3 - 16, 3 pt.; Oliver 3 - 16 roll-over, Int. 4 - 16 semi-mount; M.M. 5 - 16 semimount; A.C 3 - 16 3 pt ; J D. F 125 3 - 16 3 pt.; Oliver No 3242 3 - 16 3 pt.; 5 and 7 tooth chisel plows, disc harrow inc. J.D K W.A.; J D A W; Oliver 252 10 ft ; J.D K B A 28 trans disc, 1 No. 11 plow disc; J.D 14 ft. late model cultimulcher; 8, 10 and 12 ft packers; J.D 3 section harrow, 16 ft. trans. harrow; other equipt. and misc items not listed Cousin with drygoods.

AUCTIONEERS' NOTE — Sale will again feature one of the best lineups of tractors and equipt. to be sold this spring. Be on time as not many small items.

Terms — Cash or Good Checks; Ident. required for bidder's numbers. Lunch at sale; Not responsible for accidents.

Owner
EDWIN HORNING
R.D. 2, Ephrata, Pa.
Phone: 717-733-7408

Ralph W. Horst, Blaine Rentzel and Clyde Wolgemuth, Auctioneers

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

PUBLIC SALE

OF 26 ACRE FARMETTE
SATURDAY, FEBRUARY 28
2:00 P.M.

Located along Rt. 372, one mile West of the Buck, Drumore Twp., Lancaster Co., PA.

A certain tract of land consisting of:
26 Acres more or less

with app. 417' of road frontage. 15 acres in high state of cultivation, balance in pasture with stream and one acre pond Erected thereon a:

1½ Story Brick Dwelling
Built in 1968

Kitchen with modern built-in cabinets and family room combined. Living room with wall-to-wall carpet. Bedroom with two closets. Full bath. Laundry. Second floor: 3 Bedrooms with closets. Half Bath. Full cemented basement with fireplace and half bath. Cold cellar. Never failing well Large lawn. Electric heat and water heater. Lots of shrubbery. Shade trees Blacktop driveway.

50'x54' Frame and Stone Bank Barn

with 7 Hog Farrowing Crates, balance in fattening area. Tool shed.

12'x60' Hillcrest Two Bedroom House Trailer

with lawn and garden

30'x125' Hygroponic Green House

(2 years old) with oil fire hot air heat, two exhaust fans, 7.5 K W. Standby Generator. This green house is complete and ready to go

TERMS: 10% down day of sale. Balance in 60 days.

OPEN HOUSE Saturdays, Feb 14 and 21, 10 A M to 5 P M or by appointment

Sale by,
J. LEON & MARY LOUISE ROHRER
717-284-2059
Atty. E R. Lehman
Aucts.
Nevin Z Martin
Lewis B. Groff

Not Responsible For Accidents

THURS FRI FEB 19-20 - Public Sale of Estate of Brooke Lessig Sunnybrook Colonial Room, Pottstown, PA From Phila take expressway west to Valley Forge Exchange Rt 363 north to Rt 422, then 422 west to Pottstown and the Sunnybroom Ballroom, From Wilmington north on Rt 202 to Rt 100 to Rt 422 East From Allentown take Rt 100 south to Rt 422 east R H Thompson, Inc

FRI FEB 20 - Public Sale of Farm Machinery and What nots Located 2 miles south of Rt 23, between New Holland and Leola, turn off Rt 23 on S. Groffdale Rd , turn left on Musser School Rd , terms by Elias S Beiler, Robert E Martin & Son 656 7770 and Frank L Steller and Blaine Rentzel Auctioneers

FEB 20 - 1 00 P.M Public Sale of Yorkshires Located at the Lebanon Area Fairgrounds, Evergreen Rd and Cornwall Rd , Rocherty Rd East off Rt 72, Lebanon, PA Elwood Houser Owner Harry Bachman Auctioneer

FRI FEB 20 - 11 00 A M Public Sale of Modern and Horse Drawn Farm Machinery Located 9 miles north of Danville, PA off Rt 254 near Washingtonville, Montour Co. Andrew H Stoltzfus Owner Max Fraley and Son Auctioneers 546-6631

SAT FEB 21 10 30 A M Public Sale of Farm machinery, household goods, Ford 5000 Diesel, 574 Int. Diesel Located in Lancaster Co , PA , 2½ miles South west of Gap From Route 30 at Vintage go South on South Vintage Rd to 2nd crossroad, turn left, first farm on left Terms by - Aaron E & Naomi Beiler, Steve Petersheim & Everett Kreider Auctioneers

SAT FEB 21 - Public Sale of Farm Equipment Located along Swamp Ridge Rd between Reinholds & Schoeneck, W. Cocalico Twp , Lanc Co , Pa Sale by Dutchland Laboratories Inc John E & Paul E Martin Auctioneers

SAT FEB 21 - Public Sale ofValuable Real Estate and Personal Property Located midway between Ephrata and Reamstown, East Cocalico Twp , Lancaster County, PA Terms by Lydia W and Anna Mary Nolt Elton and Alvin Horning, Horning Farm Agency, Inc , Auctioneers

SAT FEB 21 - Public Sale of Hammondale Acres Holstein Milking Herd Dispersal, Located 3 miles northwest of Chambersburg, PA The Gerald Hammond Family Owners Ralph W Horst Marion PA Manager, Horst and Kling, Auctioneers, Naugle Pedigrees

SAT FEB 21 - 10 A.M Public Sale of Livestock & Farm Equipment Located 4 miles Southwest of the Norman Wood Bridge, 6 miles south of Airville, 5 miles north of Delta, 2 miles south of Rt 372 Lower Chanceford Twp , York Co , Pa Owner Katie F Zook Diffenbach's Auctioneers

SAT FEB 21 - Public Sale of Registered and High Grade Holsteins Located just off Rt 6 at East Troy, PA Watch for auction arrows off Rt 6 by Warner Co Case Dealer Frank and Lorraine Dombroski Owners Sale Manager Gordon Wood

SAT FEB 21 10 00 A M Public Sale of Real Estate, Household Goods and Antiques, Located along Rt 322 2 miles west of Blue Ball Isaac Sensenig Trust Estate Lloyd and Alan Sensenig Trustees Auctioneers Lamar Z Sensenig and Paul W Horst

SAT FEB 21 4 00 P M Public Sale of Household and Antiques Rd 1, Palmyra, PA north on Railroad St west on Ridge Rd Ralph B Heisey Auctioneer

SAT FEB 21 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11 Danville, PA Melvin M Lehman, owner

SAT FEB 21 - 10 00 A M Auction Sale of Real Estate, Farm and Irrigation Equipment Corner of Buck (Rt 553) & Lawrence Corner Roads, Elmer, NJ Buck Road crosses Rt 40 2 miles south of Elmer turn south on Buck Road (Rt 553) and proceed 2 miles signs will be posted William C Olbrich, Owner Sickler & Scott, Auctioneers

SAT FEB 21 11 00 A M Public Sale of Farm Machinery, located on the farm, take Rt 20 west from Chestertown, turn left on first road (Airport Rd) 1 mile to farm on left (past Collins Rd) Eben Waterfield Owner Harry Rudnick & Sons Inc Sale Managers and Auctioneers

SAT FEB 21 11 30 A M Public Sale of Milking Herd Dispersal, at the farm located 3 miles north of Chambersburg,, PA 1 mile south of Letterkenny Army Depot, Gate 1 Cheesetown and Salem Church on Funk Rd Gerald, Mabel, Eddy and Bonnie Hammond and Family Owners Ralph Horst and Art Kling Auctioneers

SAT FEB 21 10 00 A M Public Sale of Farm Equipment, Located 4 miles east of Hughesville, MD on Rt 231 or 9 miles west of Prince Frederick, MD on Rt 231 Robert L Robinson Owner Blaine Rentzel Auctioneer

SAT FEB 21 1 00 P M Public Sale of 100 Bred Gilts, 30 boars, 40 open gilts, Sale held by Calvin H Lazarus & Sons (Duroc Yorkshire and Spotted) at our farm in Whitehall For Catalog Calvin Lazarus, 4290 Bridge St , Whitehall, PA 18052, 215-799 3375 Lehigh Co

TUES FEB 24 - 9 00 A M Public Sale of 8 head draft horses, 37 Hostein some swine, farm machinery and some new items from the harness shop Mr & Mrs Jacob B Yoder Rd , Reedsville, Owners Mark Glick Auctioneer Located in Mifflin Co 2 miles NE of Reedsville PA on Church Lane, turn south at Amish school and farm, the former John Z Hostetler farm

PUBLIC SALE

OF FARM EQUIPMENT

at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, along Rte. 914 just east of Rte. 81 at Marion Exit on

THURSDAY, FEBRUARY 19
SALE AT 9:00 A.M.
100 TRACTORS — TRUCKS
IND. EQUIPT., ETC.

Tractors inc. John Deere, Int., Massey Ferguson, Fords, David Brown, Oliver, Case, A.C. and others, some with loaders, Backhoes and Ind. Equipt expected, trucks, lawn and garden tractors, chain saws, etc

BALERS — HAY MACHINES
PICKERS — EQUIPT.

Balers, Haybines, rakes, mowers, conditioners, forage and other wagons, corn pickers, harvesters, blowers, sprayers, manure spreaders, plows, disc harrows, packers, planters, drills, rotary mowers, elevators, 3 pt. blades, post diggers, posts, tires, hardware and usual amount of misc. items.

ATTN: FARMERS & DEALERS — Bring in your equipt for our sales Can handle only limited amount of small items until 2 Day Sale March 26 - 27 Booking a good number of sales for spring Contact us for dates

Terms: Cash
Lunch at Sale **Closed Sundays**

RALPH W. HORST, MANAGER
Marion, Pa. 17235 Phone: 717-375-2824
Rentzel, Anderson, Upperman, Wolgemuth, Speicher, Gossert, Auctioneers
Eberly, Harshman, Stull, Rentzel, Gossert, Clerks

AUCTION

POTATO AND GRAIN EQUIPMENT
SATURDAY, FEBRUARY 28, 1981
MR. & MRS. FRANK EHRHART DISPERSAL

On Nixon Road 4 miles S.W. State College (Centre Co.) Pa. (off Rt. 26) on "Doc" and Nickey Nixon Farm.

Selling complete line, like new Potato and Grain growing, harvesting, storage, drying equipment. Tractors, etc. This will be one of Pa's biggest sales this year. Take your vacation and attend this "Farm Show Sale "

Sale by Pirrung Auctioneers

Wayland, N.Y. 716-728-2520 Jim
Ulysses, Pa. 16948 814-848-7421 Jerry

AUCTION

EXTRAORDINARY 2 DAY PUBLIC ESTATE AUCTION

ESTATE OF BROOKE LESSIG
THURS.-FRI., FEB. 19-20
10 A.M.
Sunnybrook Colonial Room, Pottstown, Pa.

Directions: from Phila. take expressway west to Valley Forge Exchange. Rt. 363 north to Rt. 422, then 422 west to Pottstown and the Sunnybrook Ballroom. From Wilmington north on Rt. 202 to Rt. 100 to Rt. 422 east. From Allentown take Rt. 100 south to Rt. 422 east.

THURSDAY

Sale will consist of early antiques, beautiful Chinese oriental rugs, old trains, toys, early nickel slot machine with oak sides, oil paintings, fine Lenox, Dresden and Limoge china, hundreds of fine collector's items, brass items, army memorabilia, plus a 1979 Pontiac diesel automobile, a 1974 Pontiac station wagon, and a 1946 army jeep ALL THIS PLUS MORE!!!
PREVIEW — WEDNESDAY, FEBRUARY 18th — 6 to 8 P M

FRIDAY
GOLD, GOLD — SILVER, SILVER

13 Englehard 10-troy ounce gold bars, over 20 real fine gold coins, approximately 50 silver dollar coins (early dates), large assortment of beautiful jewelry items highlighted with precious stones. Many, many pieces of sterling silver, flatware (sets of 12), 40 rolls of uncirculated 1941 half dollars (brilliant), 200 1941 quarters (uncirculated) old treasury notes. How about 5 - one thousand dollar bills!!! This plus many other collector coins
These items have been in bank vault storage for years and years, and will be until the preview showing by appointment - Monday. February 16, 1981 - 1 to 4 P.M., Call R. H. Thompson (215) 323-7872.
Seating Reservations: $10.00 refundable on purchase

WRITE OR CALL FOR BROCHURE
No personal checks will be accepted without prior approval.

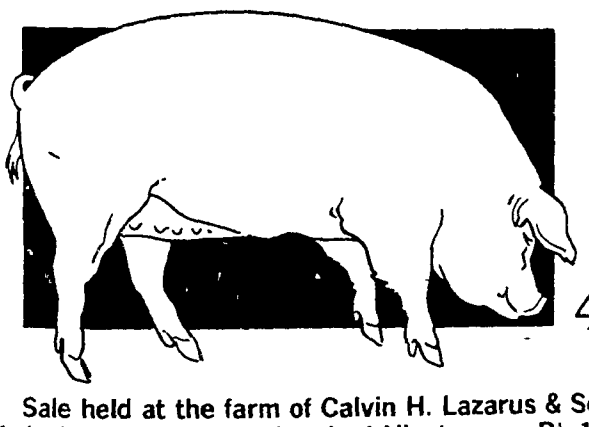
TERMS by Phila. National Bank
RICHARD WELL—Co.-Exec. for the estate of BROOKE LESSIG.

RHT THOMPSON, INC.
Real Estate — Auctions — Appraisals
1455 E. Schuylkill Rd. Pottstown, Pa. 19464
215-323-7872 or 367-6907

CALVIN H. LAZARUS & SONS
7th Production Hog Sale

SATURDAY, FEBRUARY 21, 1981
1:00 P.M.

DUROC YORKSHIRE SPOTTED CROSSES



SELLING:
80 Bred Gilts
30 Boars
40 Open Gilts

Sale held at the farm of Calvin H. Lazarus & Sons, 4290 Bridge St., Whitehall, PA., Lehigh County. 4 miles North of Allentown on Rt. 145 to Columbia St., make left, second black top to right, first farm on left.

FLASH ★ ★ ★
We were pleased to exhibit the Champion and Res. Champion Yorkshire Bred gilt at the 1981 PA Farm Show. We also had the 1st Feb. gilt.

6 Pig Guarantee on Bred Gilts. All stock guaranteed to be breeders. Brucellosis Free Herd #26. Pseudorabies Free Herd #18.

DOOR PRIZE Open Gilt and Other Prizes

For Catalogs write or call:
Donna Lazarus
4290 Bridge Street
Whitehall, PA 18052

Ralph W. Zettlemoyer, Auctioneer

2-DAY SALE
MOUNTOUR COUNTY
FRIDAY, FEBRUARY 27
REGISTERED & GRADE HOLSTEIN
11 A.M. Sharp
SATURDAY, FEBRUARY 28
FARM EQUIPMENT
10:30 a.m.

3 miles east of Turbotville; 12 miles North West of Danville, near intersections of #54 & #44 or 7 miles north of I-80, near the village of Comley. Watch for Auction Signs.

100 COWS & HEIFERS
FULL LINE OF EQUIPMENT
Sat. 10:30 A.M. 4 - Tractors

M.F. Diesel 1130 Turbo-Charger 120 hp, Completely rebuilt, new clutches like new condition; M.D. 180 Diesel; M.F. 165 Diesel (New Rubber); M.F 44 Gas, R.C.

Full Listing Next Week LF

Sale by
MR. & MRS. RUDY HOSTETLER & SONS
#1 Turbotville, PA
Aucts.
Carl, John Diller, & J. Everett Kreider
(717) 464-2233

Public Sales Register
Closing Date - Monday, 5.00 P M of each week's publication

TUES FEB 24 9 A M All Day Public Sale, all kinds of Farm Machinery and Tractors by Edwin Horning, 1½ miles West of Ephrata along Meadow Valley Road Ralph Horst and Blaine Rentzel, Auctioneers

WED FEB 25 10 A M Public Sale of Farm Equipment & New Tools Located 1 mile North of Stoughstown, Cumberland Co, Pa Nevin Z Martin & Melvin S Sensenig Auctioneers Sale by Paul W Leinbock

WED FEB 25 - Farm Equipment Sale for Norman Bricker located about 7 miles northwest of Chambersburg along Edenville Road Ralph W Horst, Auctioneer

THURS FEB 25 - 9 00 A M Public Auction of Shop tools, farm machinery Located in Lancaster Co, Pa ½ mi North Gordonville, 1 mile West of Intercourse on Old Leacock Rd, turn South off Rt 340 at Esso Station onto Old Leacock Rd, ½ mi to sale Terms By General Repair Shop, Gideon L Fisher, Ronks, RD #1, Box 108, Pa

WED FEB 25 10 00 A M Public Sale of Farm Equipment and New Tools Located from Carlisle, take Rt 11 south to Stoughstown, turn right onto Big Spring Rd, proceed approx 1 mile past Fish Hatchery then first road left, first lane right Watch for yellow sale sign Cumberland Co, PA Sale for Paul W Leinbach Nevin Z Martin and Melvin S Sensenig Auctioneers

THURS FEB 26 Large Farm Equipt Dispersal for Mrs Warren Merkel, 4½ miles Northeast of Shippensburg, Pa along Rte 533 Ralph W Horst, Auctioneer

THURS FEB 26 - 9 A M Public Sale of Full Line of Horse Drawn Farm Machinery, 2 Pair Mules & Pair work Horses & Household Goods Located in Bart Twp, Lancaster Co, Pa ½ mile South of Nichol Mines, ½ mile North of Georgetown on Mine Rd Terms by Enos K & Barbara F King Steve Petersheim & Everett Kreider Auctioneers

THURS FEB 26 - 10 30 A M 5 Tractors and White Oliver Equipment Located 4 mi south of Greencastle, PA and 5 mi north of Hagerstown, MD, west off Interstate 81 on Rt 163, north on Green Mountain Road Glen I & Naomi C Eby, Owners Robert C Mullendoref & Nevin Martin, Auctioneers

THURS FEB 26 10 00 A M Public Sale of Heavy Duty Farm and Irrigation Equipment for Alfred S & Russell J Leone Located 4 miles east of Woodstown, NJ on Woodstown to Arra Rd, between Rt 40 and Rt 77 in Monroeville, NJ Sickler & Scott Auctioneers, 609 692 5889/6446

THURS FEB 26 9 00 A M Public Sale of Tractors, Equipment, Truck, Feed, Dairy Items, Garden and Shop Tools, Household and Antiques Located in Adams Co, PA 4½ miles west of Gettysburg on US Rt 30 thence turning south ½ mile to first farm Mrs Catherine J Speelman Owner. Clair Slaybaugh Auctioneer

11th ANNUAL CONSIGNMENT SALE
TWO DAY
PUBLIC AUCTION
The Donald Scheese Farm
R.D. #3, Elmer, N.J. 08318
609-455-3462 or 609-935-1697
FRIDAY, MARCH 6th & SATURDAY, MARCH 7
10:00 A.M. Sharp

25-30 tractors, combines, trucks, implements, industrial equipment, discs, mowers, balers, rakes and plows.
Receiving equipment up to March 5, 1981.
Auctioneers:
Blaine Rentzel
Lee Parker

CONSIGNMENT AUCTION
THURSDAY FEBRUARY 12, 9:30 A.M.
Edge of Town Limits of Myerstown, PA on South Race St.
(Partial Listing Only)
As of 1-20-81

TRACTORS
INT
674 w/Ldr
1468 Cab & Duals
(2) 1066 Cab
1066 Hydro
100 Hydro - Cab
856
806 Cab
(6) 806D
(3) 706 Gas & D
(3) 656 Hydro
826
826 Hydro
70 Hydro
504
(5)560D
560G
460G
100
(2) Cub
450D
450G
M
340
230
Super C
MTA
MD
H
MF
1155
1150
1105 w/Duals
1085 Cab
1130
265
175
35
Pony
FORD
9600
8000
5200 Cab
5200
4000
(3) 8N
9N
600
9700 - Cab

TRACTORS
JD
4430 - Cab
(2) 4320
4020 Console Powershift
(2) 4020 Powershift
4020 Syncro
4020 Gas
3020
1520
(2) 820
730D
730G
720D
70D
70G
R
AC
(3) 190XT
185 Cab
170
160
WD
D12
OLIVER
2255
1955
1855
(2) 1755
1850 - 4WD
1850
1800
1800 - 4WD
2655 - 4WD
1950
770
2050
CASE
(2) 1030
(2) 930
(2) 930 Standard
730
830
(2) 1370
MISC.
DB 990
MM GTB
MM 602
DB 1212

MACHINERY
(4) NH & JD Balers
Extra NH Bale Thrower (PTO)
(3) Blowers
Cornpickers
Picker - Shellers
(6) Self Propelled Combines
NI Uni System
JD 400 Feed Mill
Cultipackers & Cultimulchers
(15) Pull-Wheel-Wing & Off set Disc's
(5) Sickle Bar Mowers
(35) Plows - All Sizes
(3) Spring Tooth Harrows
Flat Wagons
(20) Assorted Cultivators
Many Duals
Harvesters
Manure Spreaders
Chisel Plows
(10) Vibra Shank Cultivators
New Gravity Boxes
(2) NI Cut-ditioners
(2) JD Tedders
Loaders
Rakes
Lely 10' Roterra
Snow Plows
New 300 Gal Sprayer
Hesston 10 Stacker
Hesston 10W Mover
New Boom Poles
New Landscape Boxes
Rotary Hoes
New 6' & 7' 3 pt Blades
New Corn Cribs
MM D & E Cornshellers
New 5-8-10 Ton Wagons
Potato Diggers
Post Hole Diggers
LOTS — LOTS MORE

CONSTRUCTION
Hough H50C Payloader
JD 450 6 Way Dozer
(3) Cat 933 Loaders
Cat 941 Loader
Franklin 160B Skidder
Franklin 133B Skidder
Michigan 35 Pay Loader
(4) Forklifts
(2) JD 310 Backhoes
Long 5 in 1 Backhoe
Davis Trencher-Demo
Sheepsfoot Roller
Assort. of Trucks
JD 2010 Forklift
Int 340 Forklift
KD 32' Forklift
INT TD6 Dozer

CONSIGNMENTS WELCOME

BAKERS TOOL TRUCK WILL START THE SALE
ORDER OF SALE:
(Approx.)

9:30-10:30 - New Tools
10:30 - Machinery & Trucks
2:00 - Farm Tractors
5:00 - Industrial & Trailers
or Time Permitting

SOME ITEMS SUBJECT TO PRIOR SALE DUE TO DAILY BUSINESS

Lunch Served by Myerstown Church of the Brethren

NOTICE: FARM TRACTORS WILL START AT 2:00 P.M.

CASH DRAWING EVERY 30 MINUTES

AUCTIONEERS:
BLAINE RENTZEL, CURT HOWARD
FRED GOODRICH

SALE HELD BY:
WENGERS FARM MACHINERY, INC.
S. Race Street
Myerstown, Pa. 17067
Day-717-866-2135, Night 717-866-7147 or 273-9089

AUCTION OF
FARM MACHINERY, TRUCKS, TOOLS
MONDAY, MARCH 9
At 10:00 A.M.
New Windsor, Carroll Co., Maryland

LOCATION: On the farm located along WAKEFIELD VALLEY RD., 2 mi. off State Rt. 31 just east of New Windsor, 9 mi. Southwest of Westminster, MD, 20 mi. Northeast of Frederick, MD.

NOTE. All equipment is in excellent condition, most late models ready for the fields.

FARM MACHINERY
1977 J D. MODEL 600 SIDE HILL combine (only 729 hrs.) w/404-128 HP diesel eng., cab, heater, A/C, 147 bus tank, 1977 J D. Model 213 grain head & 643 corn head; WHITE OLIVER Model 2050 diesel tractor SN 213-738-657 w/enclosed cab, 6 cyl. eng. (1510 hrs.); Case Model 731 Comfort King diesel tractor w/metal cab (2023 hrs.); FORD Model 871 gas tractor w/front end loader (620 hrs.); JOHN BLUE 1000 gal. stainless steel spray system mounted on GMC 6 wheel drive truck carrier & 40 ft. boom & foam marker; WHITE OLIVER 7-16 auto reset on land hitch plow, Mid West harrow; Case 4 x 16-3 pt plow; FORD 2 x 4-3 pt. plow; White Oliver 16 ft. folding disc harrow; Brillion 16 ft. cultipacker w/transport wheels; GLENCOE SS9-15 ft. chisel plow w/MID WEST harrow, J.D. MODEL 1460 no-till corn planter; J.D. MODEL 27 stalk (6-30") rows shredder; INT. Model 830 pull type field Harvester w/3-30" corn head, pick-up head; M.F. MODEL 44 (22-7) grain drill; N.H. MODEL 271 baler w/kicker; N H. & J.D. bale wagons; N.H. manure spreader; 6 ft. Bush Hog, CENTURY 200 gal. alum tank trailer sprayer; 18 ft. ear corn elevator, 525 gal. alum tanks for tractor mount spray system; Ford rear mounted mower; Ford hay rake, 12 ft heavy duty steel trailer; TYLER tandem wheel fertilizer spreader, 7 ft. 3 pt. scraper

SMALLER TOOLS
Dyna Mark 832 riding mower; M.F 3 pt. post hole digger; 115 gal alum. mobile fuel tank w/elec. pump; 3 pt. hyd. log splitter, Badger silo leveler; 125,000 BTU LP gas furnace; 50,000 BTU space heater; M.W. dual wheel kit; heavy duty tow or log chains, 28 rolls U.S. made barbed wire; American wire fence; metal fence posts; assorted fence tools; air compressor; battery charger; Lincoln welder; Airco Oxy-Acetylene torches; gauges & bottles; drill press; grinder, Develbiss paint spray gun, vise; anvil; bench, cabinets, SINCO chemical spray outfit, 5 gal pressurized tank; nuts; bolts; nails; paint, and machinery parts.

DUMP TRUCKS
1971 Ford LN750 truck w/15 ft alum. dump body, new eng., 2 spd. rear; 1965 Ford C809 truck w/15 ft. alum. dump body, air brakes, 2 spd. Both trucks are in excellent condition, rubber and body. Three custom fit truck traps

TERMS: CASH/CHECK acceptable to auctioneer or owner on day of sale. No items to be removed until fully paid for. MD sales tax on taxable items.

FOR INSPECTION OF EQUIPMENT CALL OWNERS FOR APPOINTMENT

MR. & MRS. ROBERT S. VLCEK
1539 Wakefield Valley Rd.
New Windsor, MD 21776
Phone - 301-635-2552

Trout Auctioneers, Inc.
15 North Court Street/Frederick Maryland
301/663 1555

Sidney Lease, Clerk

Lunch By
The Womens Auxiliary of the
New Windsor Vol. Fire Dept.

Public Sales Register

Closing Date - Monday 5 00 P M of each week s publication

THURS FEB 26 - 10 00 A M Public Sale of Farm Equipment, Silos, Trucks, Located along Rt 25 at the Lower Farm in the Village of Curtin, Dauphin Co , PA between Millersburg and Ber rysburg, 25 miles north of Harrisburg, 22 miles south of Sunbury Ordered by American Bank and Trust Co George and Mike Deibert Auctioneers

FRI FEB 27 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables 2 Day (Montour Co) Sale FRI FEB 27, 1981 Sale of Reg and Gr Holsteins, 100 Head, Mostly Home Raised SAT FEB 28, 1981 Full Line of Farm Equipment Located just off Rt 54 near Tur botville, Pa OwnersRudy Hostetler & Sons Auctioneers-Carl and John Diller and J Everett Kreider

FRI FEB 27 Public Sale of Heifers and Machinery Southwest of Mercersburg, PA Franklin Co Paul S and Carrie R Eby Owners J Robert Meyers and J Lester Egolf Auctioneers

FRI FEB 27 - Public Sale of Heifers & Farm Machinery Located 5 miles South of Mercersburg, Franklin Co , Pa Owners Paul & Carrie Eby J Robert Meyers & Lester Egolf Auctioneers

FRI FEB 27 - Public Sale of Heifers and Machinery, Southwest of Mercersburg PA, Franklin Co Paul S and Carrie R Eby Owners J Robert Meyers and J Lester Egolf Auctioneers

FRI FEB 27 - 9 30 A M Public Auction of 8 head draft horses, 57 registered and grade Holsteins, dairy equip ment and farm machinery Located in Clinton Co , 7 miles west of Loganton, PA or ½ mile east of Rt 880 at Tylersville, PA on the Greenburr Rd Lydia K Stoltzfus Rd 2 Logan- ton, PA Owner Mark Glick Auctioneer

FRI & SAT FEB 27 & 28 Public Sale of Registered & Grade Holsteins, Farm Equipment Located 3 miles east of Turbotville, 12 miles north west of Danville, near intersec- tions of 54 & 44 or 7 miles north of I-80 near the village of Comley Mr & Mrs Rudy Hostetler and Sons owners Carl & John Diller and J Everett Kreider Auctioneers

SAT FEB 28 - Public Auc tion of Farm Equipment & Household Goods Located along Swamp Ridge Rd just North of Schoeneck at R D 1, Stevens, Pa Sale by Mary S Hoover John E & Paul E Martin Auctioneers

SAT FEB 28 Yorkshire and Duroc bred gilts, open gilts and boars Leon Lawrence and Thomas Ar- nold Sale Held at the Lebanon Fair Grounds, 1 00 P M For Information Leon L Arnold, 717-273-5880

SAT FEB 28 - 2 00 P M Public Sale of 26 acre farm, located along Rt 372, 1 mile west of the Buck, PA J Leon and Mary Louise Rohrer Owners. Nevin Z. Martin and Lewis B Groff Auc tioneers

SAT FEB 28 10 A M Consignment Horse Sale at the Keister's Mid- dleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners

SAT FEB 28 10 00 A M Public Sale of Farm Machinery, Lumber, Hay, Shop Tools and Parts Located 1 mile north of 272 on Schoeneck Rd , Rd 1, Ephrata, PA Reuben Weaver Owner Rentzel and Horst Auctioneers

SAT FEB 28 - 9 00 A M Strasburg Fire Co Annual Sale, All Day! To be held at the fire house

SAT FEB 28 Public Sale of Power Farm Equip- ment, Tools and Etc Just off US No 1 bypass exit at 896, go 1 block north, turn right on Pennsgrove Rd , ½ mile to farm lane, 4 miles from Oxford, PA Sale by William F and Jerre Lee St John, Susan na St John Lester, Harry W Whiteside Auctioneer

SAT FEB 28 2 00 P M Public Sale of 26 acre farmette Located along Rt 372 one mile west of the Buck, Drumore Twp , Lancaster Co , PA J Leon and Mary Louise Rohrer Owners Nevin Z Martin and Lewis B Groff Auc tioneers

FEB 28 9 A M Liquida- tion of hardware store All new tools, nails and bolts Located ½ mile southeast of White Horse on School Lane Road Sale by Amos B & Annie Stoltzfus Steve Petersheim & J Everett Kreider, Auc tioneers Phone 215 869 2508

SAT FEB 28 - 10 00 A M Public Sale of Valuable 173 acre farm Located 5½ miles west of Lehighton on Rt 902, ¼ mile east of New Mahon- ing, 3 miles north of Rt 443 at Normal Square Mahoning Twp , Carbon Co , PA Sale by Murray Mackson Esquire Robert A Arner Auctioneer

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PUBLIC AUCTION

SATURDAY, FEBRUARY 14

10:30 A.M.

Inventory Reduction Auction to be held at S. C. Hansen, Inc., 180 Ithaca Rd., Horseheads, NY. (Horseheads is next to Elmira, NY).

Farm Tractors to be Included - Case 1175 with cab, 2 Case 430's, Farmall's, Oliver's, Case 580 TLB, Case & Trojan 4 WD loaders, Oliver & Case dozers, plus farm Machinery
Call or .. rite for complete listing.

OWNER
S. C. HANSEN, INC.

Sale Managed by
Goodrich Auction Service
Rt. 38 & 38B
Newark Valley, NY 13811
607-642-8688

PUBLIC SALE

70 ACRE DAIRY FARM
THURSDAY, FEBRUARY 19

10 A.M.

LIVESTOCK
FARM MACHINERY —
MILKING EQUIPMENT
APPROX. 20 TON EAR CORN, CORN FODDER,
25 FT. CORN SILAGE

Located in Salisbury Township, Lancaster County, Pennsylvania. 1 mile west of Gap on Mine Road — Take Route 41 to Gap Town Clock, go west over bridge, turn left and follow to sale.

REAL ESTATE WILL BE SOLD AT 12:00 NOON

Real Estate consists of a 2½ story frame house, bank barn with 26 comfort stalls, box stalls, horse stalls, 13'x65' stave silo, approx. 50 acres tillable with balance in pasture and woods Good producing land, buildings are in good condition
Terms of real estate 10% down day of sale, final settlement 90 days or negotiable

LIVESTOCK AT 1:00 P.M.

33 head Holstein dairy herd, 23 milk cows fall fresh and bred back, 12 first calf heifers in herd, fresh in fall, 3 bred heifers, 3 open heifers, 3 heifer calves 30 day charts, pregnancy checked Pure bred stock bull
4 head work horses
all well broke to work anywhere

MILKING EQUIPMENT

400 gallon Girton milk tank, compressor, 3 Delaval milker units, Delaval milker washer, Delaval No 75 vacuum pump; 40 gallon bottle gas water heater; stainless steel strainers; stainless steel tubs.

FARM MACHINERY

Stoltzfus built 2 bottom hydraulic plow, automatic reset, used 1 year, like new, John Deere disc harrow; John Deere 3 section spring tooth harrow; steel field roller; New Holland 455 - 7 ft. bar mower with Slanzi diesel engine, clutch reduction w/starter, New Holland hay crimper; New Holland 56 hay rake, 32 ft. New Holland elevator with hopper and collector, like new, John Deere 919 corn planter with fertilizer attachment; David Bradley corn planter, New Idea 206 manure spreader, Farmbilt liquid manure spreader, ground drive, used 1 year, boom crop sprayer, 165 gallon fiberglass tank w/5 h.p. Briggs & Stratton engine, A-1 condition, flat bed wagon, Zook built, A-1 condition; 5 h.p Briggs & Stratton engine; baler & binder twine, single, double, triple trees; John Deere horse cultivator, Oliver horse plow, large anvil; 5 set heavy harness, bridles; 25 collars, bolts, nails, wagon load of small items sold first

TERMS BY:
CHRISTIAN B. & SARAH E. ZOOK
AUCTIONEERS:
Steve Petersheim
215-869-2508
Everett Kreider

LUNCH ON PREMISES

PUBLIC SALE

VALUABLE 173 ACRE FARM
SATURDAY, FEBRUARY 28

AT 10:00 A.M.

Located 5½ miles West of Lehighton on Route 902, ¼ mile East of New Mahoning, 3 miles North of Route 443 at Normal Square, Mahoning Township, Carbon County, PA

Real Estate in Deed Book 363, Page 545, Jim Thorpe, Pa consists of Tract No 1 — 2½ story frame aluminum sided home, large kitchen with laundry room, large family room and large living room with hardwood floors, 2nd floor has 3 large bedrooms, full bath, open sunporch, attic, basement, oil h w h with cast iron radiators, well water large front porch, side porch, storm windows, other framed outbuildings, situated on approx 118 acres of land with appro- 1,290 ft of Route 902 road frontage

Tract No 2 consists of — A large 50'x80' modern bank barn 16 horse box stalls, tack room, other storage building, large horse training track situated on approx 55 acres of land with approx 2 000 ft of Route 902 road frontage

This is a well kept Mahoning Valley Farm

This farm was the former Zimmerman Holstein Farm, Inc

This property will be offered in 2 individual tracts and also as a combined unit

For appointment to see Real Estate call Auctioneer at 717-386-4586

Terms — 10% down on day of sale in Cash or Certified Check Balance within 45 days after Court Approval Sale subject to Court Approval

SALE ORDERED BY
MURRAY MACKSON, ESQUIRE
TRUSTEE AND MASTER IN PARTITION
533 DELAWARE AVENUE
PALMERTON, PA

AUCTIONEER
ROBERT A ARNER
ROUTE 2 BOX 216
NEW RINGGOLD, PA 17960
PHONE 717 386 4586

PUBLIC SALE

ANTIQUES — TOOLS - PARTS
FARM MACHINERY
SATURDAY, FEBRUARY 14, 1981

10:00 a.m.

Located in Chester County, Pa. - 7 miles west of West Chester in the village of Locust Grove. Take Rt. 52 to Pocopson Home, go north to Farm Prison, at next fork stay left to Locust Grove.

8N Ford tractor with loader, complete hydraulic control, engine just overhauled, good rubber, A-1 condition; 5 ft Covington rotary mower, A-1, 1946 Ford half ton pick-up, 26,000 original miles; 1961 FC 150 Jeep, 4 cylinder, 4 wheel drive; 1963 FC 170 Jeep 6 cylinder, 4 wheel drive; many Jeep parts; 2½ ton army trailer; snow blower fits on pick-up; 2 cycle Wisconsin engine w/clutch; Bolens 30" snow blower, like new, self propelled; 2 snow plows; 2 cycle snowmobiles, Ski Doo with reverse; approximately 6 walking plows; old wooden 2 horse wagon with wooden spoke wheels; steel wheels; wooden wheels; corn shellers; **old apple cider press, nice condition, Buckeye;** Snapper lawn mowers; many garden & lawn tools; milk cans; coil top General Electric refrigerator; Louce 76" mower; many parts, hand tools; locust fence posts; ladders; many doors & windows; barrels; McCulloch chain saw, 25'x40' wooden building; 10'x12' metal building, **piles of seasoned lumber, walnut, cherry and poplar, 2x12 and 2x10s;** pitcher pumps; wooden butter churn; 2 butcher benches; dinner bell; wagon load of hand tools in good condition; broad axe; wind wheel and tower; many, many items not mentioned

Terms By:
LAWRENCE A. DAYLOR

Auctioneers:
Steve Petersheim
215-869-2508
Everett Kreider

Lunch on premises

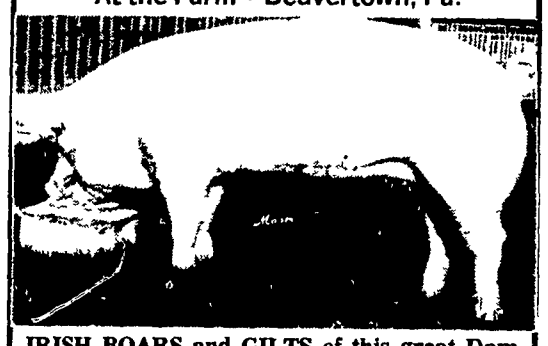
BROOKS END AND PAR-KAY FARM

FIFTY-NINTH ANNUAL SPRING SALE

FRIDAY, MARCH 6

1:00 P.M.

At the Farm • Beavertown, Pa.



IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire Sows.

260 head of SCOTCH & IRISH and other foreign bloodlines
• New Bloodlines on Each Sale
YORKSHIRE — LANDRACE

Born and raised on our farms from our parent imported stock.

100 ☆ BRED GILTS - most of which carry **Scotch or Foreign Blood Litters.**
50 ☆ YORKSHIRE - Many carry Scotch litters.
50 ☆ LANDRACE - All carry Scotch or Foreign Blood Litters.
50 ☆ BOARS
30 YORKSHIRE - New Scotch Bloodlines as well as Irish and American Bloodlines.
20 LANDRACE - All 100% SCOTCH, IRISH or other foreign blood.
100 ☆ Commercial Open Gilts - Mostly Irish & Scotch blood. Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show Ring Champion Stocks.

CERTIFIED BRUCELOSIS FREE & PSEUDORABIES FREE.
Health Charts Sale Day For Entry Into Any State.

1980 SETS NEW RECORDS
NEW FIRST PLACE
TEST STATION WINNERS

Our breeding wins at both Penna. and Delaware Test Stations. Richard Miller, York County was the Penna. winner with 4 boars sired by Alpine.

Leon Arnold, Lebanon County, was the Delaware Station winner. His boars were sired by Explorer. Each of these sires were purchased from Brooks End Farm. Feed conversion on the Alpine pigs was 2.4 Feed conversion on the Explorer pigs was 2.2. A perfect example of how it works for others when they buy tested stock from us.

Our Latest Big Winner - 1981 PA Farm Show Reserved Landrace Bred Gilt

Owners:
RENO & PARK THOMAS & MARK STEHR

RENO	PARK	MARK
717-658-5821	717-658-6544	717-658-7007
717-658-7304	717-658-6702	

Catalogs Available
Dan Baker, Lafette, Ind., Auctioneer

SPRING HORSE SALE

Sat., March 14

10 30 A M Tack
1 00 P M Horses
Held at Jersey Shore Livestock Barn, Jersey Shore, Pa (Barn is 2 miles East of Jersey Shore on Rt 44)

Already consigned are 45 head of ac culimated and vaccinated horses from local farm - consisting of 10 teams Belgium horses and 5 singles weighing 1400 to 1800 pounds — 6 yearling Belgium stud colts - 7 registered stan dardbred driving horse - 2 bred standardbred mares

1 team of light mules - 3 head of large work ponies These horses have the breeding, size, color and quality you're looking for all acculimated horses
—Excellent selection of riding horses already consigned—
All consignments of horses, mules, ponies, harness, tack, and horse equipment are welcomed
For further information call Lynn Bowes 717-398-2194
Consign early for this yearly sale so they can be advertised

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT FEB 28 - 10 00 A M Public Sale of Farming and Truck Farming and Gardening Tools, Some Household Goods Located at 253 Cherry St, York Twp, York Co, PA turn east off Exit 4 of Rt 83 on Leader Hgts Rd, go to the animal hospital and take the Powder Mill Rd, to Cherry St and watch for small farm and place of sale on left, or turn off S Queen St in Spry onto Cherry St Mr & Mrs Paul B Hartman Owner Robert Sechrist Auctioneer

SAT FEB 28 Public Sale of Potato and Grain Equipment for Mr & Mrs Frank Ehrhart Dispersal on Nixon Rd 4 miles SW State College Centre Co, PA Off Rt 26 on Doc and Nickey Nixon Farm Sale by Pirrung Auctioneers

SAT FEB 28 Inventory Reduction Sale by Pleasant View Farm Equipment, Montour Falls, NY Sale by Goodrich Auction Service

SAT FEB 28 - 9 30 A M Public Sale of JD parts NY parts and Surplus used farm machinery Held at Big Valley Sales & Service, Inc Rt 655 and 322, Reedsville PA next to Dairyland Mark Glick Auctioneer

MARCH

TUES MAR 3 12 30 P M Public Sale of Farm Machinery, Located 3 miles south of Quarryville PA off Rt 222 west along Spring Valley Rd Sale by James B Bucher Lloyd H Kreider and Randall V Kline Auctioneers

MAR 3, 9 A M Holstein herd dispersal Full line of horse drawn farm machinery Mules, shop equipment and tools Located ½ mile north of Nine Points on 896 Terms by Elam &Lydia F Zook Steve Petersheim & J Everett Kreider, Auctioneers Phone 215 869 2508

WED MAR 4 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS MARCH 5 10 30 A M Holstein Auction for World Relief To be held at the Guernsey Barn along Rt 30, 6 miles east of Lancaster Hay, Straw, Grain and Machinery Sale at 10 30 - Heifer Sale at 12 Noon Auctioneers John Umble Leon Kurtz, and Bob Kauffman

THURS MAR 5 Monthly Cow Sale at the Melvin Kolb Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS MAR 5 1 00 P M Public Sale of 79½ acre farm, located in the Twp of West Cocalico, Lancaster Co Willis Garman Jr and Janet Mae Garman Owners Randall V Kline and Lloyd H Kreider Auctioneers

THURS MAR 5 9 30 A M Public Sale of Holstein Dairy Cattle, Farm Machinery Team, Hay, Straw and Corn, Milking Equipment and Silage Some Household goods Located south of Rt 30 from Paradise at Bylers Quick Food Market on Black Horse Road to Oak Hill Drive Sale by Aaron S Fisher J Everett Kreider and Steve Petersheim, Auctioneers

FRI MAR 6 9 30 A M Spring Machinery Sale Held at Belleville Livestock Market, Belleville, PA

FRI MARCH 6 - 10 A M Public Auction of Livestock, Farm Equipment, Household Goods and Antiques located on Belmont Road, 1 mile South of Intercourse, 1½ miles North of Rt 30, Lancaster County, Pa Sale by Elam R Petersheim Paul Snyder and Larry L Martin, Auctioneers

FRI & SAT MAR 6 & 7 10 A M Annual Consignment Sale Public Auction Donald Scheese Farm, Cohansey-Friesburg Rd, Elmer, NJ Auctioneer Blaine Rentzel

FRI MAR 6 - Public Sale of Farm Equipment and Crops, Located midway between Fleetwood and Kutztown, Berks Co, PA John and Lillian Sauder Owners Nevin Z Martin and Lewis B Groff Auctioneers

FRI & SAT MAR 6 & 7 - 9 A M & 11 A M Keystone Classic All Breed Show & Sale Bred gilts, boars, & Open gilts Sale Manager & Auctioneer Harry Bachman Sale by PA Coop Swine Breeders Assn

FRI MAR 6 1 00 P M 59th Annual Spring Sale at the Brooks End and Par-Kay Farm in Beavertown, PA Reno & Park Thoms and Mark Stehr Owners Dan Baker, Auctioneer

SAT MAR 7 - Public Auction of Farm Machinery and Household Goods by Amos Z Newswanger, located 1 mile south of Churchtown along Boot Jack Road Frank and Paul Snyder, Auctioneers

SAT MAR 7 17th Annual Bart Twp Fire Co Sale Held at the Fire Hall, Bart, PA

SAT MAR 7 10 00 A M 2nd Keystone classic all breed of bred gilts, open gilts and boars Held at the Farm Show building, Harrisburg For information Harry H Bachman 717 867-1809

SAT MAR 7 Eastern Shore Showcase Sale featuring 50 Registered Holstein calves and heifers at Hunters Sale Barn, Rising Sun, MD Co Chairman Ben Amoss and Bob Knutsen, for more infor write Bob Knutsen Rising Sun, MD 21911

SAT MAR 7 11 A M Public Sale of 23 Acre Farm, Farm Machinery & Household Located on Water St North Lebanon Twp, Northeast of Ebenezer Sale by Stamen Heagy Estate Ralph B Heisey Auctioneer

SAT MAR 7 10 30 A M Public Sale of Full line of Farm Equipment for Raymond Maring, 2118 Gillis Rd, Woodbine, MD Located 1½ miles west of Rt 94, or 2½ miles east of Rt 27 Ridgely and Streaker Auctioneers 301-489 4637

SAT MAR 7 11 00 A M Public Sale of Stamen Heagy Estate Located North Lebanon Twp on Rt 72 in Ebenezer, turn east on Water St, Follow Water St to signs Allen L Bishop Executor, Ralph B Heisey Auctioneer

SAT MAR 7 - Public Sale of Modern Farm Machinery, Grain bin, dryer, household, Located 1 mile east of Oley, along Rt 662, Oley Twp Berks Co, PA Sold for Daniel H Schlegel Frey Auctioneers

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Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

AUCTION SALE

OF REAL ESTATE, FARM AND IRRIGATION EQUIPMENT

SATURDAY, FEB. 21st

Starting at 10:00 A.M. For William C. Olbrich, Corner of Buck (Rt. 553) & Lawrence Corner Roads, Elmer, N.J. (Buck Road Crosses Rt. 40 Two Miles South of Elmer-turn South on Buck Road (Rt. 553) and proceed 2 miles-Signs will be posted. (We will have front ender to help you load).

REAL ESTATE TO BE OFFERED AT 1:00 P.M. AS FOLLOWS

31 Acres+/- Farm land with barn and attached storage shed (30' x 40') and large chicken coop (storage) plus large irrigation pond, also having a nice 2 story home with modern kitchen, living room, dining room, bath and One bedroom on the First Floor, plus 3 bedrooms on the Second floor, also finished basement with Franklin Stove, Part of basement encloses an oil fired hot water home heating system with radiators, domestic hot water is supplied by a quick recovery oil fired heater, domestic water is supplied by a deep well submersible pump, same also supplies water to an adjoining in-ground swimming pool (18'x30') with 8' stairs and 8' diving area, plus nice pool house.

Sale Terms: Ten (10%) Percent Cash Deposit at time of Sale, balance in full in Thirty (30) Days (closing).

Harry R. Adler, Seller's Attorney - Phone: 609/451-1731

Melvin E. Sickler, Real Estate Auctioneer, Phone: 609/629-6446

Inspection: Saturday, February 14, 1981 - 10:00 A.M. thru 4:00 P.M. or by calling 609/358-2954 or 358-2794 for appointment.

Statements made Day of Sale will take precedence over anything said in earlier related advertising on the Real Estate. "Seller reserves the right to reject or accept any or all bids".

2 J D. tractors (3020-gas), 1953 model 50 JD (good) 4 row cult to fit same, Case tractor mounted on high wheel corn sprayer, Chisolm-Ryder stringbean picker w/dumper, bean reel, 2 belt conveyors, 1975 Ford F-600 truck w/13' Cresci dump body, 1973 Ford XLT F-100 Ranger Pickup (w/8' bed-auto. trans - P.S. - 390 motor), 1962 Chev. 2 ton truck (w/12' steel body), 12' Van body, Oliver 4 bot. 16" plow (pull behind), 12' spring tooth harrow, JD 7' scraper blade, JD 12' disc harrow, JD 4 row bean cult (w/3 pt h-New), JD 2 row front mount cult, Bush Hog Rock Picker (like new), JD 5' bush hog, JD 4 row bean planter (w/submerged sprayer & Fert hopper attachments-corn & beans) J.D. 4 row bean planter (model 494A), pair JD 3020 extra tires & rims, JD 7' mower, rotary hoe for 6-30" rows, 4 bot. plow packer on rubber, 3 bot. plow packer on wheels, 14' scratch harrow, steel 2 compartment grain bin (4-500 bu), 80 bu grain wagon, M-Ferguson 10' grain drill, 30' gas driven grain elevator, 14 foot 8" grain auger, flat bed wagon, Ford 2 row cult w/3 pt H, PTO driven backhoe unit on wheels (Hopto Digger Model 105-D-Mfgd by Badger) NH baler (as is-parts) Lely Fert. spreader on wheels, Benthall Peanut Shaker (w/PTO hookup), 40 gallon air compressor, 220 V Forney Welder, 8' Gold Star Camper top (w/big door & sliding front windows), 24 - 12' Corrugated sheets, forced hot air oil fired home heater, IRRIGATION SYSTEM Chev 6 cyl. w/marlow 6" pump, 6 cyl Chrysler w/Hale spitfire pump, Wisconsin 3" air cooled pump, 3 Gould water pumps (no motors), 2 cedar 500 gallon water tanks, 30 pcs Wade-rain 3"x40' pipe w/risers & sprinklers, 30 pcs Morerain 4"x40' pipe, 1 -4" and 1 -6" suction (2) line, many irrigation fittings, pipe wagon, "560 Bolens 30" riding mower", nice lot crib house items (2 wagon loads).

Sale Terms: Cash Only, Except known by auctioneers.

Auctioneers: Sickler & Scott - Phones: 609/629-5889 or 6446

(Nice Food Stand)

PUBLIC AUCTION

Having decided to discontinue farming, we will sell the following on STARKEY FARMS, Route 213, 2 miles south of Galena, Md.

MONDAY, FEBRUARY 16, 1981
at 11:00 A.M.

25 TRACTORS: John Deere 4630; JD 4430; (3) JD 4020's; JD 4010; JD 3020; JD 2010; JD 1010.
(2) International 300; (3) Int. M's; Int. Super M; Int. Cub; Int. 130; Int. 100; Int A.
Allis Chalmers G; Oliver 60; Seaman DS47; Cat. D4 for parts.
PLANTERS & GROUND WORKING EQUIP: Int 4-row Planter (like new, Int. Chisel Plow Model 55 & Buster Bar; Int. #510 21x7 Grain Drill (new); Int. #475 Disc (new); JD 1450 6-bottom plow; (3) JD Roller Harrows. Int. 4-row Cultivators; (2) JD 4-row Rear Cultivators; Clark Sprayer; JD 14T Baler & Kicker; JD 650 Rake; JD Rotary Harrow #400; Manure Spreader; New Holland Haybine; JD 5-bottom Plow; (3) Fert. Spreaders; (2) JD 12' Discs; (2) JD 10' Discs; Gehl #72 Flail; JD Flail; (2) JD 4-row Corn Planters; (3) Farm Wagons; JD #46A Loader; Oliver 3-bottom Plows; JD 4-bottom Plows; Etc Etc.
VEGETABLE EQUIPMENT: (4) Spinach Harvesters; Tomato Harvester, (2) Tomato Transplanters, FMC Carrot Digger; 3 sets Meeker Harrows; JD Potato Digger; 12 row Planter Jr. Spinach Planter; StanHay Jumbo Planter (new); 2 Dump Carts; Asparagus Harvester; Etc. etc (Parts)
MISC. & OTHER EQUIP.: Ericson Fork Lift. Pickup Cap; Caterpillar pull type Road Scraper; 18' Terrain King Mower; etc. etc, Trailer Dolly.
IRRIGATION EQUIP.: Gorman Rupp Pump 391 Ford, 2 Boss Traveling Sprinklers; Hose Cart, 6 Rainbird Big Sprinklers, Numerous Small Sprinklers; 120 pcs 8" Pipe; 170 pcs 6" Pipe, Elbows, Connectors (all Alumn). .200 pcs. various Galvanized Pipe. 69 Pcs. 6" Alumn Pipe for Sprinklers, 4 Shut Off Valves, Lots of "T"s and Elbows
TRUCKS, PICKUPS, TRAILERS, & CARS: (4) Chev. Spinach Trucks C50 - C60's; (2) Int'l. 1700 Road Trucks; Chev. C10 Spray Truck; '75 Chev C10 Pickup; '66 Chev. C30 Fuel Truck (2 tanks & pumps); '76 Chev. 4WD C20 Pickup; GMC '71 Model 2500 Pickup; '69 Chev C20 Pickup, 4 Dump Hoists; Strick 40' Semi-Van Trailer, etc
SHOP PARTS & EQUIPMENT and TOOLS...

Owners,
STARKEY FARMS CO., INC.
Rte 213, Galena, Md.

HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers
of Galena, MD. (301) 648-5100

Due to the size of the sale, we recommend your inspection and registration prior to the starting time of 11 a.m.
HOT LUNCH available from 10 a.m.

SPECIAL HORSE SALE

DRAFT HORSES, MULES & DRIVING HORSES
FRIDAY, FEBRUARY 13, 1981

AT NEW HOLLAND SALES STABLES, INC. 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.
Horse Sale at 10:00 A.M.
Tack Sale at 9:00 A.M.

2 Load Draft Horses, Mules and Driving Horses consigned by Ward Wright

1 Load Draft Horses and Mules consigned by Norman Kolb.

1 Load Draft Horses and Mules consigned by John King

1 Load Draft Horses consigned by Christian L Smucker

1 Load Draft Horses consigned by Steimer Bros.

1 Load Driving Horses consigned by Kore Yoder

1 Load Driving Horses consigned by Don Boring

1 Load Draft Horses consigned by Ken McNealy

1 Load Saddlebred Driving Horses consigned by Clayton Waterbury

1 Load Saddlebred Driving Horses consigned by Reuben G Stoltzfus

1 Load Draft Horses consigned by Steve Meadows.

1 Load Draft Horses and Mules consigned by Frank Owens.

1 Registered 7 year old Belgian Stud

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale Feb. 27, 1981

TOWNE TRACTORS
SPRING CONSIGNMENT AUCTION SALE
SATURDAY, MARCH 21
9 A.M.

Consignments wanted Farm tractors and machinery, contractors equipment, farm liquidations, lawn and garden equipment, cars, trucks, recreational vehicles
Favorable rates.
We can arrange trucking
John Kachmar, Auctioneer
Jack Wootton, Auction Manager
Call 201-431-3838

PUBLIC SALE
OF FARM EQUIPMENT & HOUSEHOLD GOODS
SATURDAY, FEBRUARY 14
At 9 00 A.M.

LOCATION From Ephrata take Rt 322 East to light at Hinkletown Turn left onto Martindale Rd. Follow to square at Martindale Turn left onto Grist Mill Rd Follow to Hurst Rd First farm on left Lanc Co., Penna Watch for sale signs.

Four Tractors

John Deere 4230 D — W F — Heat Housel
John Deere 3020 D — N F — Heat Housel
Ford 4000 D S U — Ford 3000 Gas

N H Super 717 Harvester with 2-Row Head N H #25 Whirl Feed Blower, N H #26 Blower, 50 Pipe, 2 - 16' Lemco Forage Boxes on good Running Gears, New Idea #327 Narrow-Row Corn Picker with 12 roll Husking Bed, N H #273 Baler with Chute & Hitch, E-Z Flow Gravity Box on Running Gear, N H #451 Sickle Bar Mower, Paxco Gravity Box on Running Gear, Dunham 11' Cultimulcher, New Idea 3-Beater 200 Bu Manure Spreader, Farmhand Grinder Mixer, 2 Sauder Hi-Lift Loaders with Hydraulic Dump, 2 6 ft Snow Scoops, Farmhand Wheel Rake, John Deere 494A 4-Row Corn Planter with Insecticide Hoppers, 2 John Deere 16 Flatbed Wagons, J D 28 Disc Transport Disc Harrow, White #348 Auto Reset Plow, J D #130 Trip Plow, J D 12 Spring Harrow, 12 Drag, 10 Brillion Sprocket-Packer, Field Sprayer with 200 gal Fiberglass Tank on wheels, Rotary Cutter, 36 Farmec Elevator, Ont 12 Disc Grain Drill, Lely Fertilizer Spreader, P T O Seeder, Cunningham Crimper, 2-Row Ford Cultivator, Cardinal 16 Elevator, 2 - 4 Grain Augers, 3½ Grain Auger, Tractor Chains, Log Chains, Other Chains

2 Big Dutchman Poultry Feeders with Chain and Trough, 20 - 10 Hole Nests, 8 V-Trough, Round Hanging Feeders, Egg Washer, Egg Scales, 500 lb Fairbank Platform Scales, Round Hog Feeder, 2 Jamesway Feed Carts, Silage Cart, 1200 gal Fiberglass Tank, Pro-Sile Pump, Air Compressor, 180 amp Electric Welder, 4 Hydraulic Cylinders, 1 H P Electric Motor, ¾ H P Electric Motor, Welding Table, Large Anvil, Bench Vise, Remington Chain Saw, Hahn Eclipse Riding Mower, Ariens Riding Mower, Push Mower; Reddy Heater, Wheel Pullers, Extension Ladder, Step Ladder, Cyclone Seeder, Forks, Shovels, Hoes, Scrapers, Used Tin Roofing, English Bicycle, Sleds, and many other items too numerous to mention

1970 CHEVROLET ½ TON PICKUP, V-8 Engine

Household Goods & Antiques

11 cu ft Hotpoint Refrigerator, 17 cu ft Frigidaire Freezer, Maytag Washer, Laundry Tubs, Electrolux Sweeper, Eureka Sweeper, Large Copper Kettle, Large Iron Kettle, Crocks, Jars, Kettles, Meat Grinder with Pulley, 6 qt Ice Cream Freezer, Wooden Butter Churn, Glass Butter Churn, Antique Milk Bottles, White Oak Dairies, Chester Weaver, H R Wentzel, Walter Martin, Bed Frames, Springs, Mattresses, Tables, Stands, Bowers Bureau, Chests, Clothes Tree, Playpen, Cedar Wardrobe, Kneehold Desk, Butter, 8-Day Seth Thomas Chime Clock, Utility Cabinet, Night Stand, Gun Rack, Clothes Hamper, Old Trunk, Bedspreads, Quilts, Coal Oil Lamp and more

Auctioneers Note: Don t miss this sale! Farm equipment and tools are in excellent condition. Sale starting at 9.00 A M. with tools and small items. Household goods at approx. 11 30 and then farm equipment.

Terms by
JOHN A. & EDNA S. ZIMMERMAN
Auctioneers
Lamar Z Sensenig and Paul W Horst
Clerks. Sensenig & Horst
Refreshments will be served
Not responsible for accidents

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAR 7 11 00 A M Keystone Classic All Breeds Swine Sale Located at Farm Show Building, Harrisburg, Pa Harry H Bachman Auc tioneer & Sales Manager

SAT MAR 7 Farm Equipt Sale for John Wadel three miles south of Shippensburg, Pa off Rte 696 Ralph W Horst, Auctioneer

SAT MAR 7 9 30 A M Public Sale of Household Goods Antiques and Full Line of Farm Equipment Located midway between Coatesville and Lan caster, 1st Farm East off Rt 41 along Rt 30 John N & Alice E Crouse Owners Robert E Martin & Son 656 7770 and Frank L Steller 656 1895 Auctioneers

SAT MAR 7 11 00 A M Public Sale of Holsteins and Machinery Located off Rt f 154 three miles from Eastella PA, 11 from New Albany 11 from Shunk, 5 from Forksville, 20 from Grover 23 from Canton, 50 from Williamsport Weather cock Farms Sale manager Gordon Wood

SAT MAR 7 10 00 A M Public Auction of Anti ques, Household Goods Guns, Snowmobiles and Gas Engines Located 929 W Main Street, Mount Joy, PA, 3rd house west of The Water Trough Harry E Derr, Owner Lloyd Kreider, Randal Kline and Gary Shirk, Auctioneers

SAT MAR 7 11 00 A M Stehman Heagy Estate Sale of 23 Acre Farm, Household Antiques, Farm Equipment Located on Water St North Lebanon Twp , PA Ralph B Heisey Auctioneer

SAT MARCH 7 8 45 A M Public Auction of Valuable Real Estate and Personal Property located in the West end of the village of Penryn, Pa Sale by Glenn I Showers and Eugene Huber, Executors for Paul Yeagley Estate, E M Murry Assoc Auc tioneers, J David Young, Atty

MON MAR 9 10 00 A M Public Sale of Farm Machinery, Trucks, Tools Located New Winsor, Car roll Co , MD on the farm along Wakefield Valley Rd 2 miles off State Rd 31, just east of New Windsor, 9 miles southwest of Westminster, MD, 20 miles northeast of Frederick, MD Mr & Mrs Robert S Vicek Owner Trout Auctioneers

TUES MAR 10 9 A M Public Sale of Farm Machinery and Shop Tools located 1½ miles North of Fivepointville, 2 miles West of Bowmansville, ½ mile off 897 along Woodlyn Drive Take Chestnut Hill Road off 897, to Woodlyn Drive, turn right first farm on left Terms by Leonard E Horning Frank and Paul Snyder, Auctioneers

TUES MAR - 10 9 30 A M Complete Liquida tion Sale of Cope & Weaver Co Located 10 miles south of Lancaster at New Providence along Rt 222 or 3 miles north of Quarryville, Lancaster Co Sale by Cope & Weaver Co Lloyd Kreider, Randal Kline and Gary Shirk, Auc tioneers

WED MAR 11 - Nealy Bros Sale of Farm Equipt on the farm located one mile Southwest of Newville, Pa along Rte 533 Ralph W Horst, Auc tioneer

THURS MAR 12 Monroe Crider Holstein Heifer and Farm Equipt Dispersal near Scotland Franklin Co Pa along White Church Rd , Kenneth Up perman and Ralph Horst, Auctioneers

THURS MAR 12 Great Expectations Sale Chapter 4 Held at the Guernsey Sale Barn, Lan caster, PA R Austin Backus, Inc Sale Managers and Auc tioneers

THURS MAR 12 9 30 A M Public Sale of Trac tors, Cultivating Equip ment, Trucks, Ear Corn, Harvest Equipment and Tools Located in York Co , PA Take US Rt 234 one mile east of East Berlin then turn nor theast onto Canal Rd 3 or 4 miles north of York on US Rt 74 at Dover Square Red Light turn southward 4 miles Canal Rd at Robin Rd turn south first farm Mr & Mrs George H Shenberger Owners Clair Slaybaugh Auctioneer

THURS MAR 12 11 00 A M Public Sale of Valubale Modern Farm Machinery, 4 Tractors, etc Located on farm 15 miles NW of Bloomsburg PA ¾ mile north of White Hall off Rt 44 Montour Co Samuel Hallowell Owner Max Fraley and Son Auctioneers 546 6631

FRI MARCH 13 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

FRI MAR 13 9 A M Machinery Sale at the Keister's Middleburg Auc tion Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selin sgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auc tioneers

SAT MAR 14 - 8 30 A M 13th Annual Sale of the Gordonville Fire Co Sale of Household Goods, Anti ques, Livestock & Farm Machinery Terms by Gor donville Fire Co Local Auctioneers

SAT MARCH 14 10 30 A M Public Auction of 2 Tractors, & a Line of Farm Machinery Located in Huntingdon Co , 12 miles South of Huntingdon, Pa or ½ mile North of Marklesburg on Rt 26 Sale by Scott Donelson, James Creek, Pa Auc tioneer Mark Glick

SAT MAR 14 - 2 00 P M Public Sale of 1 Story Home Located along Rt 625, close to Centre Church, midway between Bowmansville and Terre Hill, Lancaster Co Marvin Good Exec for Elizabeth Good Estate Leroy S Horst and Paul W Horst Auctioneers

SAT MAR 14 @ 10 A M Farm Machinery & Dairy Equip Located 1 mile north of Rt 254 at Limestoneville, which is between Milton & Washingtonville, Pa Mon tour Co Watch for sale signs, Terms by Titus & Susanna Snader Elton & Alvin Horning Auc tioneers HORNING FARM AGENCY, INC

SAT MARCH 14 9 30 A M Public Auction of General Farm Equipment, Vegetable Growing Equip ment, Irrigation System, and Household Items, located 5 miles North of Shippensburg off Rt 696, between Shippensburg and Newburg, Cumberland Co Watch for Auction Arrows Terms by Paul L Nuschke, John B Niesley, Realtor Auctioneer

SAT MAR 14 9 00 A M Public Sale of Farm Equip ment and Household Goods Located Rt 645 north of Myerstown, PA Henry Brubaker owner Sylvan Witmer Auc tioneer

SAT MAR 14 - Public Sale of Household Goods and Antiques Located at 973 Rettew Mill Road, Ephrata, PA Howard J Kreider, Owner John E & Paul E Martin, Auc tioneers

SAT MAR 14 10 00 A M Public Auction of Farm Machinery and Misc Household Goods, Located in Centre Co , PA 4 miles west of Old Fort, Centre Hall, or 4 miles east of Boalsburg Rt 45, on Rimmey Rd , 2nd farm Edgar and Elizabeth Rim mey Owners, Carpers Auctioneers

PUBLIC SALE
OF FARM MACHINERY & USED LUMBER
SAT., FEB. 28, 1981

LOCATED: East of Ephrata, Pa., off Rt. 272 at Rocky Ridge Auto Parts, turn North on Schoenick Rd. Go 1 mile (or through 2 crossroads) to 1st farm on right "Watch for signs".
10:00 A.M.

13-TRACTORS

Deutz 9006, 2 - Massey Ferguson 65 Diesels; Case 300 w/Power Steering & 3 pt ; Farmall C Tractor, Allis Chalmers D17 w/wide front, D15; WD45, B, C, WC, D10, J.D 2 & 4 cylinder Power Units; Farmall H for parts.

HAY BALERS & HAYBINES

3 - Massey Ferguson Balers Models 3 - 10 - 12, Allis Chalmers 303; Long w/Motor; Int 420 - P T O , 2 - A C 9 ft. Cut

Allis Chalmers trailer mower, New Idea trailer mower, New Idea 3 pt mower, 4 New Idea Hay Conditioners, 36' Little Giant elevator, 32' Zimmerman elevator, Allis Chalmers 780 & 720 Harvesters w/2 row cornheads, Gehl & Case w/row head, Dion self unloading wagon, New Idea, New Holland & Stauffer PTO Spreader, Sauder loader w/cylinders on bucket, Allis Chalmers loader for D17, Model D Sauder loader, Allis Chalmers 4 & 5 bottom Semi Mtd — Snap coupler 2 & 3 bottoms, Oliver 3 Bottom trailer, Allis Chalmers B or C Plow 2 way, A C. Sub soilers, Case Sub Soiler, 1 Bottom John Deere Trailer Plow, 1 Bottom Oliver Plow Trailer Plow, tires & rims - 24- 26- 28- & 30 various sizes, 1 Row Int. Potato digger, mower for Allis Chalmers B or C, Easy Flow Fertilizer drills 12 ft., Field Sprayers, (Trailer & Mtd.), Owatonna Grinder Mixer, Bear Cat Grinder Mixer, Grain Trailer, several farm trailers, Allis Chalmers 4 row Model 500 Planter, Hershey 2 row Tobacco Planter, P T.O Tobacco dryer, Oliver & A.C Grain drills, 3 pt. row marker, A C 1 row picker w/engine Mtd., 12 ft Cultimulcher, 12 ft. Cultipacker, 10 ft. double Packer, Badger 30 ft. Silage elevator, 2 aluminium Portable elevators, David Bradley Portable Hammer Mill, 2 row A.C Planter, 10X30 Snavely Steel Silo, Cattle loading shute, cattle catcher, 3000 gal tank, chain hoist, steam cleaner, anvil, Portable heater, 3 section Spike Harrow, 3 section rotary hoe, J D A.W 12 ft Disk w/36 blades, 3pt Disk, Sauder Blade, 3 wagons w/parts & farm related items, A.M F Snowmobile

1000 Bales of 2 & 3 cutting alfalfa Large amount of used lumber, firewood lumber, Cedar & Locust post, Tobacco rails, 30 barn doors of various sizes - 2 Brooder houses, some household items

TERMS: CASH OR GOOD CHECK

REUBEN WEAVER
Ephrata, Pa. R D.#1
Ph. 717-733-8708

AUCTIONEERS:
Blaine N Rentzel
764-6412
Paul Horst

REFRESHMENTS RIGHTS RESERVED
Must register for # w/I.D.

PUBLIC SALE
of Holstein Dairy Cattle
Farm Machinery, Team, Hay, Straw & Corn & Milking Equipment & Silage, Some household goods

South of Route 30 from Paradise at Bylers Quick Food Market on Black Horse Road to Oak Hill Drive.

THURSDAY, MARCH 5
9:30 A.M.

44 Black & White, Red & White Holsteins w/2 Registered, 33 Milk Cows, 7 bred heifers, balance younger.

1 Willow Farms Rockman Ivanhoe milking 80 lbs. with second calf.

1 Reg. Harrisburg Gay Ideal fresh sale day.

1 Red & White bull from 3 yr. old 19,000 lb. dam, 30 day test, TB & Bangs Certified.

13 fresh Dec., Jan. & Feb., balance throughout year. This is a nice herd with production up to 100 lbs. per day.

Milking Equipment

3 unit DeLaval milker w/sterling pulsation; 2-20 qt. carrying pails; 2 stainless steel strainers; SS twin tubs; 30 gal. gas water heater.

Team, etc.

4 mules; 1 driving horse; 6 sets harness; single trees, 2-4 horse hitches, 5 & 6 horse hitches.

Farm Machinery

New Holland 7 ft mower w/motor, clutch and hyd. lift; New Holland crimper, N.H 68 Super hayliner baler w/motor, 2 flat bed wagons w/Grove gear, Farmhand rake; John Deere big 4-7 ft. mower; NH 30 ft. bale elevator; 1 hyd motor w/100 ft. hose; 30 HP Wisconsin Motor w/starter (1 year); New Holland motor w/reduction gear; 4 box tomato trailer w/rollers & dump.

1 Oliver steel bottom walking plow; 2-106 Wiard walking plows; 1 Oliver & 1 John Deere single bottom walking plows; 2-Fore trucks w/plows for hillside hitch, JD-KBA 24 disc; 24 sec. spring harrow; IHC corn binder w/long loader w/wheel set out, 7 ft. IHC wheat binder, Superior 9 hole drill; weed sprayer w/200 gal fiberglass tank 8 row; IHC-PR1 w/motor mount, bin wagon & gear, 2 IHC cultivators; Cornsheller, Pequea manure spreader w/end gate (1 yr); McCormick W955 HP belt tractor; 75 ft 7 in belt nearly new; large Case silage cutter; 2 Fore trucks 1 w/brakes & steering; bobsled; bulk feed bins; 1 Minnick tobacco press; Starline litter carrier & track (200 ft. & switch); 2 battery fencers 6 & 12 volt, 30 cow trainers; silage cart; 15 milk cans, gas lanterns; 10x10 brooder house; 16 ft aluminum canoe, elec. clippers, forks, brooms, shovels, other articles not mentioned

Feed

Appr 15 ton hay; 7 ton straw, corn silage from 12x50 silo
Some household goods Chairs; iron kettle, crocks of many sizes, etc.

Terms By,
AARON S. FISHER

J. Everett Kreider, Auct.
Steve Petersheim, Auct.

Lunch Furnished
Sale Order - Wagon items, house, farm machinery, hay, dairy & team.

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAR 14 Blain, Perry Co , PA Complete line of farm machinery in cluding 5 tractors, household goods and misc items Blain, Perry Co , PA George Ruoss Owner Sale by Kling's Auction service

SAT MARCH 14 - 10 00 A M Public Sale of Valuable 4 Acre Farm, 58 Acre Farm, 8 Acre Clear Land and 2½ Story Frame House Town Farm Equip , Butcher Equip , Household Goods, Tools and Antiques Located 2 miles east of Rt 443, in Pine Grove, PA John Stattizahn Estate Robert A Arner, Auctioneer

SAT MAR 14 Inventory Reduction Sale by Finger Lakes Tractor, Penn Yan, NY Sale by Goodrich Auc tion Service

SAT MAR 14 10 30 A M Spring Horse Sale Held at Jersey Shore Livestock Barn Jersey Shore PA Barn in 2 miles east of Jersey Shore on Rt 44 For information call Lynn Bowes 717 398 2194

SAT MARCH 14 10 A M Public Auction of Valuable Farm Equipment, Hay, and Straw located just south of Bainbridge, Pa Take Wickersham Road East from Rt 441, first lane right after passing Arnold's Weld Shop Sale by A and R Nissley, Inc E M Murry, Assoc Auc tioneers

TUES MAR 17 10 00 A M Public Sale of 65 Head Holsteins, some dairy equipment and a good line of farm machinery Located in Centre Co , 1½ mile NW of Woodward, PA turn north off Rt 45 onto Cemetery Rd at the West end of Woodward Mr & Mrs Clayton Hettinger, Box 65 Woodward PA Owners Mark Glick Auc tioneer

WED MAR 18 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS MARCH 19 10 A M Public Auction of Farm Machinery & Some Hog Equipment Located in Centre Co , 1½ miles East of Centre Hall, Pa on Manor Rd , about halfway between Rts 45 & 192 Sale by Mr & Mrs Dean W Fetterof, R D 2, Centre Hall, Pa Auctioneer Mark Glick

THURS MAR 19 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS MAR 19 - Public Auction of Construction Equipment Located Rt 22, Grantville PA Sale by Dennis M Miller Con struction Equipment Sales John E and Paul E Martin, Auctioneers

FRI MAR 20 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auc tion Sales, Inc Rt 522, 3 miles East of Mid dleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auc tioneers

FRI MAR 20 - 10 A M Large Farm Machinery, Corn Drying Equipment and Trucks Public Auction for Habecker and Carper 2401 Spring Valley Road, Lancaster, Pa just off Rohrerstown Exit, Route 30 Sale conducted by J Omar Landis Auction Ser vice, J Omar Landis and Jay M Witman, Auc tioneers

FRI MARCH 20 - 5 30 P M 50 Tractors and Trucks at Kempton Com munity Center Northern Berks Co

FRI MAR 20 9 30 A M Public Sale of Household Goods, Hogs, Feeder Pigs and Full Line of Farm Equipment Located 1 mile north of Leola off Rt 23 on 772 Sale by David A & Lizzie Martin Robert E Martin & Son 656 7770 and Frank L Steller 656 1895 Auctioneers

FRI MAR 20 - 10 00 A M Public Auction of Livestock, Farm Machinery and Household Goods Located Rt 896 4 miles west of Nine Points or take Rt 472 5 miles south of Quarryville, 1 mile east of Black Rock along the Bartville Road, Lancaster Co Sale by Benjamin K Stoltzfus Lloyd Kreider, Randal Kline and Gary Shirk, Auc tioneers

SAT MAR 21 11 00 A M Special Horse Sale at the Belleville Livestock Market, Draft Horses, drivers, mules

SAT MAR 21 1 00 P M Sale by PA Yorkshire Coop, Bred gilts, open gilts and boars, held at the Lebanon Fair Grounds, Leon Arnold 717 273 5880

SAT MARCH 21 Sale of Farm Machinery, Silo Equipment and Tools Off Rt 897 at Gehman School Terms by Eli Mar tin Leroy S and Paul W Horst, Auctioneers

SAT MAR 21 Saxby Im plement Corp Annual Sale of Farm Equipt Near Mendon, N Y , Ralph W Horst and Blaine Rentzel Auctioneers

SAT MAR 21 Public Sale of Power Farm Equipment, Antiques, Tools and Personal Property, Located 3 miles east of Oxford, PA E Nott Twp , Rt 4721 1 mile northwest of McComseys Store (Hickory Hill) Sale by Charles H & Lois L Taylor Harry W Whiteside Auctioneer

SAT MAR 21 9 00 A M Spring Sale at Kempton Community Center, Kempton, PA Northern Berks Co Sale of Farm Equipment

SAT MAR 21 9 00 A M Public Sale of Farm Machinery etc Held at Towne Tractor Freehold, NJ John Kachmar Auc tioneer

TWO DAY SALE

Discontinuing farming, will sell on the farm located 1 mile north of Leitersburg, Md. or 2 miles south of Waynesboro, Pa. on Route 316 or 8 miles northeast of Hagerstown, Md. on Route 60.

WEDNESDAY, FEBRUARY 11, 1981

at 11:00 A.M.

57 Head of High Grade Holstein Dairy Cattle 57

Consisting of 12 fresh or close to freshening by sale date; 6 fresh in past 60 days, a good number bred for April & May; balance in different stages of lactation Pregnancy examined by vet.

This is a mostly young herd with plenty of size & quality, having all been bred from artificial breeding with Sire Power over the entire farming operation. Bangs & T B. tested within 30 days of sale with interstate shipment papers available

Sale held in tent - Loading Chute.

THURSDAY, FEBRUARY 12, 1981

at 10:30 a.m.

Four John Deere Tractors & Good Farm Machinery

John Deere 4320 diesel tractor, W.F., P.S , roll guard and heat houser; John Deere 2640 (1979 model) diesel tractor. W.F., P.S., cab, 1100 hrs.; John Deere 2020 diesel tractor, W.F., P.S., high-low shift; John Deere 48 loader with 7 ft. bucket and 4 ft. manure bucket; John Deere 50 tractor, P.S., 3 pt., John Deere 8 W. 7 ft. sickle bar mower; John Deere tractor weights and chains; pr. 28-8x34 wheels and tires for dual wheel attachment for 4320, John Deere F355H 5-16 bottom automatic reset plow with adjustable pressure valve; John Deere 1600 chisel plow, 12 ft. with flex springs; John Deere 210 transport 12 ft. disc; John Deere 10 ft transport roller-harrow; John Deere 8 ft. pull disc; John Deere FBB 15-7 disc grain drill, fertilizer boxes never used, International 455 conventional 4 row corn planter, 30 in. row with fertilizer and Gandy boxes; John Deere 3800 forage harvester, 1000 RPM, 2 row 30 in. corn head and grass head; John Deere 16 A flail chopper, NH 27 whirl a feed blower; N.H. 489 mower-conditioner, 1 yr.; N.H. 851 round baler with automatic wrap, used 2 seasons; New Holland wheel rake; smoker 24 ft. elevator with new chain and paddles; 1 & 1½ HP elec. 220 motors; 2 John Deere 716 silage wagons, tandem with roof, front and rear unload, 2 yr., Int. 51 silage wagon on John Deere 1065 A chassis, front and rear unload, 2 Grove wagons with hay sides, false end gates, unloader; electric wheel 8 ton wagon chassis; John Deere 465 tank spreader; left side load; Badger 1000 gal. vac. tank honey wagon with 2 hoses; heavy duty hydraulic dump trailer, single axle dual wheel; 2 wheel metal farm trailer; John Deere 78 scraper blade, 8 ft; loader fork bale prong; John Deere 900 16 ft. silo unloader; Smidley wooden mineral feeder and oiler; three 8 ft. metal round or stacked hay feeders; 2 metal feed carts; high and low pressure hydraulic cylinders; tractor seeder; electric fencers; dairy supplies; barn tools; acetylene welder and cart with 8 yr. rights.

Approx. 1200 bales of wheat straw.

30 round bales of alfalfa - 30 round bales of mixed hay.

1½ ton 8-24-10-3 starter fertilizer

Dekalb, Funks, Todd, Jacques seed corn.

1978 G.M.C. 6500 truck 27,500 G.V.W.; 366 V-8, 5 speed transmission, 2 speed axle; 10:00x20 tires, P S., less than 8000 miles with 16 ft. Parkhurst grain body and heavy duty hoist.

1973 G.M.C. 6000 truck, 366 V-8, 5 speed transmission, 10 00x22 tires, 58,000 miles with 16 ft. Omaha grain-cattle body and heavy duty hoist. Both trucks in excellent condition.

Flat bed 9x28 trailer with adjustable tandem dual wheels, 12 ton capacity hydralic cylinder for lower bed to ground, made for hauling machinery or hay.

NOTE: This is good, clean, well maintained machinery and worthy of your attention.

Terms: Cash - not responsible for accidents.

MR. & MRS. RICHARD L. EBERSOLE

Telephone: (301) 733-4091

Auctioneer: Robert C. Mullendore

Clerks: Metz and Harshman

—LUNCH RIGHTS RESERVED—

KEYSTONE CLASSIC

ALL BREED SHOW & SALE

Farm Show Building

Show: MARCH 6, 9:00 A.M.

Sale: MARCH 7, 11:00 A.M.

Bred Gilts - Boars - Open Gilts

Breed Secretary's

Berkshire: Arlie Cornblower #1 Box 41 New Freedom, Pa. 17349

Landrace: Larry Baum R #3 Box 422 Elizabethtown, Pa. 17022

Chester White: Charles Griest Rt. #1 Abbottstown, Pa. 17301

Poland: Keith McConnell Box 46 Volant, Pa. 16156

Duroc: Ken Fetterolf R. #1 Box 314 Centre Hall, Pa. 16828

Spotted: Clair Hartman Box 222 Gratz, Pa. 17030

Hampshire: Charles Bomgardner Annville, Pa. 17033

Yorkshire: Leon Arnold R #7 Box 705 Lebanon, Pa. 17042

Sale Manager & Auctioneer

Harry Bachman

138 College Ave., Annville, Pa. 17003

Tel. 717-867-1809

PA. CO-OP SWINE BREEDERS ASSN.

HOUVALE FARMS

6th Yorkshire Production Sale

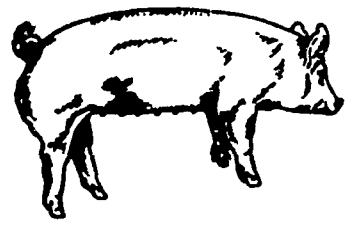
FEBRUARY 20, 1981

SALE 1:00 P.M.

LOCATION: Lebanon Area Fairgrounds, Evergreen Road and Cornwall Road, Rocherty Road East off of Route 72, Lebanon, Pa.

Buy from one breeder at this sale and be confident.

YORKSHIRES



SELLING APPROX.

50 BRED GILTS
20 OPEN GILTS
20 BOARS

• • • • • •

Most boars and gilts selling are unrelated to other Yorkshires in the East.
Bred Gilts are hand mated to fit your farrowing schedule.
All animals will be bled and negative to Pseudorabies and Brucelosis so they can go into any state on sale day.
For Catalogue, Write to:

ELWOOD E. HOUSER
2150 QUENTIN RD., LEBANON, PA. 17042
Phone (717) 272-5798 or (717) 273-2921

THIS IS INVESTMENT DAY
AUCTIONEER: COL. HARRY BACHMAN

Special Horse Sale

Belleville Livestock Market

SATURDAY, FEBRUARY 14

at 11:00 a.m.

Several good young teams for John Dilling, a load of good young shipped horses from Steimer Brothers, other western and local consignments, including a registered Belgian mare in foal, some standardbreds, etc If you have horses to sell make your consignment to this sale We will have buyers for meat horses

Belleville Livestock Market
Belleville, Pa.
Phone 717-935-2146

PUBLIC SALE

OF
FARM MACHINERY, HORSES, TRUCK, CAMPER & CORN
SATURDAY, FEBRUARY 14
9:30 A.M.

LOCATED: Off Interstate 83 at Exit 15 (Northern York Co.). Take Rt. 177 East to Old York Rd. There follow Rt. 262 East to Beinhour Rd. Turn left follow to sale.

TRUCK & TRAILER

1975 Ford 250 (A title) Pickup, 4 speed - large bed, 38,000 mi , license for 9000 lb Custom built fully enclosed horse rack for hauling 2 horses to mtd on pickup, several sets of pick up racks, Shasta 10 ft. camping trailer w/gas stove, refrigerator & sink

FARM MACHINERY

Farmall 504 Tractor w/3 pt high, live PTO, large fenders w/lights in fenders w/only 950 hrs , John Deere B Tractor w/start & mechanical lift, John Deere B hand start w/mechanical lift, Mtd. Wood Saw for B.J D , Snow Plow for Int 504, 2 set of J D Culti , Oliver 2 Bottom Trailer plow rope trip, Front weights for 504, John Deere hydraulics cylinder, New Idea 12A Spreader (like new), New Idea 4 Bar Steel wheel Rake, David Bradley Flat Wagon w/sides, McCormick Deering Semi Mtd Mower, McCormick Deering 28 Blade Disk, Hay tedder, single chain Hay elevator, Platform scales, BMB 5 ft pull type rotory mower, 10 ft Spring Harrow, Cultipacker, 3 section Spring Harrow

Walking plow & Culti., 2 horse wagon w/box, New Idea 3 pt. fertilizer Spreader (like new), Block & Fall, Hand Winch, Bag Truck, Burlap Bags, Wheelbarrow, wooden pulleys, Plywood, Hillside hitches, Belting, Wood saw frame, Double ladder, small air compressor, tow chains, tractor tire chains, telephone poles, wire, 2 hole corn sheller, wooden desk, tools, drills, saws, files, hammers, milk cans, forks, shovels, clover seeder, tarpes, & many other items of interest.

4 HORSES & RELATED ITEMS

3 well broke riding horses, 2 year old Tennessee walking colt w/papers (stud), Western saddles, bridles, army saddle, Halters, horse collars, whips, horse & saddle blankets, flynets, horse shoe equipment, anvil, forge, horse shoes, (new & used), 2 wheel rubber tire cart, driving harness, grind stone, wagon wheels, pocket knives, bolt cutters, bench vise, leather snaps, rasps, saddle bags, Stewart clippers, double & single trees, 3 sets of Sleigh Bells' in perfect condition, odd sleigh bells, leather, & other equipment

1 crib of corn 10'x30'x3'
1 wagon load of corn
2½ ton of fertilizer 20-10-10 & 10-20-10

TERMS: CASH OR GOOD CHECK

Estate of
WILLIAM R. BOYER
Executor Attorney
Hugh S. Manifold

We will also sell farm machinery of John Beinhour at this sale
Allis Chalmers C.A. Tractor w/live PTO, New Idea #7 corn Picker, New Holland 65 PTO Baler, 2 wagons w/7x14 flats & sides, Smoker 26 ft elevator, Allis Chalmers 60 combine PTO & Bin, J D. #5 Mower, Oliver 2 row corn planter, portable Grain elevator, Massey Harris Steel Wheel Rake, McCormick Deering 20 heavy disk Harrow, J.D. tractor harrow, Cultipacker Int 16 blade Disk, Hay kicker, Co-op Grain drill, tractor saw, baler twine

AUCTIONEER NOTE: We will start sale with small items off wagons, then farm machinery, truck, corn, horses, & horse tack & related items last

Sale conducted by
Blaine N. Rentzel
Auctioneer
Box 222
Emigsville, Pa.
Ph. 764-6412

Public Sales Register

Closing Date Monday 5 00 P M of each week's publication

SAT MARCH 21 9 30 A M Public Auction of Land, Farm Equipment & Tools, Antiques & Collectibles and Personal Property Located ½ mile north of ENDERS, 1 mile south of Rt 225 between Fisherville and Elizabethville, 20 miles north of Harrisburg in Jackson Twp , Dauphin Co PA (watch for auction sign the day of sale) Annie J Kolva, Owners Deibert Auctioners

SAT MAR 21 Public Sale of Farm Equipment, Hay & Straw Located 2 miles East of Mt Joy, 1 mile West of Rt 283 off the Mt Joy & Manheim Rd along Strickler Rd Sale for Glenn Bricker Auctioneers Rufus Geib & Raymond Miller

SAT MAR 21 - 10 00 A M Public Sale of Valuable Modern Farm Machinery, 4 tractors, Hay and Potato equipment, Greenhouses, etc Located on farm 6 miles north of Shenandoah off Rt 924 near Purolator Plant, Schuylkill Co Yarnell Farms Owners Max Fraley & Son Auctioneers 546 6631

SAT MAR 21 10 A M Public Auction of Real Estate consisting of 2½ story home & barn, household supplies, antiques, automobile, etc Located at 164 N Main St , Reamstown, Pa Auction for Lena L Brubacker Auctioneers Paul Landis, Ephrata & Roy Good, Jr , Denver

THURS MAR 26 - 9 00 A M Annual Spring Public Sale at the Mel Stoltzfus Farm, Located in Centre Co , about ¼ mile west of Rebersburg, PA Glick, Gibboney and Snyder Auctioneers

THURS & FRI MAR 26 27, Horsts Two Day Sale of Farm Equipt one mile East of Marion, Pa Ralph W Horst, Marion, Pa 17235 Manager

FRI MAR 27 5 00 P M Public Sale of Household Goods and Antiques, Held at Kempton Community Center, Kempton, PA Northern Berks Co

FRI MAR 27 12 00 P M Public Sale of Approx 60 bulls at PA Dept of Agric Meat Animal Evaluation center 651 Fox Hollow Rd State College, PA

SAT MAR 28 1 00 P M Public Sale of 100 Bred Gilts, 30 boars, 40 open gilts, Sale held by Calvin H Lazarus & Sons (Duroc, Yorkshire and Spotted) at our farm in Whitehall For Catalog Calvin Lazarus, 4290 Bridge St , Whitehall, PA 18052, 215 799 3375 Lehigh Co

SAT MAR 28 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT MAR 28 12 30 P M 3rd Annual Spring Red & White Sale to be held at the Guernsey Sales Pavilion, Lancaster, Penna Red and White Dairy Cattle Association, Sale Managers

SAT MAR 28 Public Sale of Power Farm Machinery, Cattle, Antiques, Tools and Household Located just off Rt. 10 on Corner Rd , turn at Land Hope, 2 miles north of Oxford, PA Sale by order of Graham J Sr & Martha E Delp Harry W Whiteside Auctioneer

SAT MAR 28 - 9 00 A M Public Sale of Farm Equipment, Car, Lawn and Wood working Equipment, Carpenter, Mason and Plumbing Tools, Antiques Located in York Co , 3 miles north of East Berlin and 23 miles south of Dillsburg, PA on US Rt 194 Thence turn east at Red Run Church Rd Sign 2 miles Mrs Edith King Owner Clair R Slaybaugh Auctioneer

SAT MAR 28 9 00 A M Public Sale of Household Goods, Antiques, Lawn and Garden Equipment, Held at Kempton Community Center, Northern Berks Co

SAT MAR 28 - Myerstown Church of the Brethren Men's Work Consignment Sale Myerstown, PA

SAT MARCH 28 10 00 A M Public Auction of Modern Farm Equipment Located 4 miles southwest of Ashland, 3 mi north of I 81, Exit 35, 1 mile south of LAVELLE, turn east off Route 901 at Malho Coal Co , take first road right cross Mahanoy Creek to Bolich Farm (watch for auction arrows on the day of sale) Margaretta S Bolich, Owner, Deibert Auctioneers

SAT MAR 28 Public Auction of Farm Equipment & 10,800 bu grain bin Located along Bowmansville Rd , Bowmansville, Pa Sale by J Roy Wise Auctioneers John E & Paul E Martin

Fifth Annual Fire Company Sale to be held at the Gap Fire Hall in Gap, Pa , March 28, 9 30 A M Household goods, food, new tools, machinery, and much more Local auctioneers For information Call Elvin Beiler, 717 442-8126

SAT MAR 28 Copenhaver Farm Supply will hold their spring machinery sale of 25 tractors, 100 pieces machinery, tools, lumber and tirs Held at New Bloomfield, PA Perry Co Kling and Shull Auctoneers

SAT MAR 28 11 00 A M Seidof's Annual Machinery Consignment Sale, Sciota, PA

TUES MARCH 31 - 9 30 A M Consignment Sale Located at S Race St , Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

APRIL

WED APR 1 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS APR 2 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI APR 3 Public Sale of 60 head Holstein heifers, 3 tractors and full line of Machinery Sale for Floyd, Justin and Letha Briggs, Loomis Hill Rd , Deposit, NY Mel Manasse Auctioneer

PUBLIC AUCTION

OF FARM EQUIPMENT — PICKUP TRUCK — AUTOMOBILE
THURSDAY, FEBRUARY 19
Auction Time 10:30 A.M.

Location: Rt. 501 North from Lititz to Newport Rd. Turn West on Newport Rd., 1½ mi. to farm on left 404 West Newport Rd , Lititz, Pa.

DUE TO DISCONTINUING FARMING I will offer for sale at Public Auction the following items — AT OUR NEW LOCATION, 404 W. NEWPORT RD., LITITZ, PA.

4 Tractors

Massey Ferguson 1080 Diesel

W.F E Multi Power Cab w/18.4-34 Tires; MASSEY FERGUSON 165 W F E Multi Power 15 5-38 Tires, MASSEY FERGUSON 65 DIESEL, Quick Change Wheels, Weights, MASSEY FERGUSON 65 Hi Clearance, Quick Change Wheels, Weights

New Holland 276 Baler

with #58 Hyd Angle Thrower, Super Sweep Pick up, excellent condition, New Holland 469 Haybine, A-1 condition, New Holland #707 Side Mounted 1-Row Corn Harvester, like new; New Holland #27 Whirl-A-Feed Blower, New Holland #23 Hopper Blower; New Holland #33 Crop Chopper; New Holland Super 55 Hay Rake; New Holland 365 Tank Spreader, left side unload; New Holland #7 Forage Wagon, 3-Beater with roof; E.Z Mfg Forage Wagon; Forage Master, Forage Wagon; 2 - Hay Wagons with Thrower Sides, heavy gears.

JOHN DEERE #54 MANURE SPREADER, SINGLE BEATER, 2 YEARS OLD; Flat Bed Wagon, 2 - Gravity Bins, on gears; FORD #601 1-ROW MOUNTED CORN PICKER; Zimmerman 32 foot Elevator, with motor, Skelton Conveyor with motor, Massey Ferguson #39 2-Row, 3 pt Corn Planter with Applicator, Massey Ferguson 3x14 Roll Over Plow, 3 Point, John Deere Van Brunt 13x7 Grain Drill; Ford 3 pt. Mounted Grass Mower Sauder Loader #FHV20 with Hyd. Dump Bucket, Ground Bucket, Snow Bucket, John Deere 28 Disc Flexible Disc on Transport, Brillion 9' Packer, Ferguson 3 pt Cultivator, 3 pt Rotary Mower; J D 3 Section Spring Harrow, Self Feeder Wagon, 3 pt. Weeder, 15 KW WINPOWER ALTERNATOR on trailer

16 Foot Cardinal Aluminum Elevator

with 8 foot extension and motor, 20' Portable Conveyor; New, Ritchie Heated Waterer; Stationary Air Compressor; 2 Feed Carts, Hydraulic Cylinders, 3½ H P. BELAIR ROTO TILLER; Fly-Gon 2020 Electric Fly Killer, Appr 50'9" Silo Pipe, Kools Gooseneck Spreader; M F Tractor Weights; Ford Weights, Kerosene Space Heater, 8 Hanging Feeders, M F ROLL BAR; 3 Bulldozer Fence Chargers, Hand Seeder, Sauder Loader Brackets for M F. 65; Hydraulic Valve, P T.O. Extension, Cow Trainers, Fence Posts, Baler Twine and many more items.

1969 CHEVROLET PICKUP C/10 V-8, S.S., 67,000 mi

1971 DODGE CORONET SDN , V-8, Auto., 66,000 mi

NOTE Plan now to fill your 1981 farm equipment needs from this fine selection of used equipment!

Auction by order of,
HENRY Z. & ALTA H. HORNING
717-626-5033
Auction conducted by,
John E. and Paul E. Martin, Aucts
717-733-3511 or 717-733-3305
Ephrata, Pa. 17522

Food At Auction

Note: Auction to begin with farm related items.

PUBLIC AUCTION

Valuable Real Estate & Personal Property
SATURDAY, MARCH 7
8:45 A.M.

Located in the West end of the village of Penryn, Pa.
Real estate to be offered at 10:00 A.M.

Parcel #1. Real Estate consists of a farm containing 34 acres M/L situated in Penn Township, Lancaster County, Pa. thereon erected a frame bank barn, and various storage areas. Also, 3 bedroom frame farm house, with bath, living room, dining room, kitchen and various storage areas. Oil fired hot water heat system Also at the same time & place, a separate tract of land containing 7 acres M/L will be offered at the aforementioned location, being a part of same estate.

Inspection of Real Estate Feb. 21 and 29 - 1:00 P.M to 3 00 P M. on each of the aforementioned dates.

Farm Equipment consists of John Deere 1020 tractor, J D. 430 tractor, cultivators, Sauder loader, J.D. 12 disc, steel wheel grain drill, J.D rollover plow, Hershey transplanter, J.D 3 pt. 7' mower, J.D. 2 row corn planter, Meyer crimper, J.D. #34 manure spreader, 2 section spring harrow, J.D 100 riding mower, bale and grain elevators, 2 wagon loads of small items, numerous hand tools, flat wagons, lots of harness, Minnich tobacco press, side delivery rake, cement mixer, 2 horse wooden wheel wagon, team scoop, approx. 6000 tobacco lathe; cast iron troughs, grind stone, 2 horse plow, saw mandrel, hand operated corn sheller, rubber tire and wooden wheelbarrows, Lanc. chain saw, extension ladders, tractor chains, chicken crates, numerous pcs. metal chicken equipment. Various milk cans, lots of used lumber, rough cut Cherry lumber, chain hoist, wire and wire fence, offset discs, hot bed sash, B&D ½ drill & press.

1967 International Pickup Truck
1966 Ford Custom 500 Sedan

Household Items. 2 cedar chests. Bedroom suite, bedroom furniture, wicker rocker, lanterns, large early chest, 2 jelly cupboards, dry sink, secretary desk, Boston rocker, clothes tree, extension table, rocking chairs, pictures & frames, lamps, butter scale, tin items, dining room suite, baskets, tables, chairs, crocks, jugs, butter churn, plank chairs, chest freezer, kerosene lamps, Singer treadle sewing machine, Remington 12 ga. pump gun, cast iron door stops, dep glass, linens, fat lamp, bureau, clock, Carnival glass items. Set Noritake china dogwood pattern, Zenith color T.V. set, jars, also numerous valuable items not listed

Sale by,
GLENN I. SHOWERS &
EUGENE HUBER
Executors for Paul Yeagley Estate
J. David Young - Atty.

E. M. Murry Associates

287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 626-2636
Richard Murry 626 8175 949-2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT APR 4 10 00 A M Real Estate 1 00 P M — Public Sale of lot with mobile home, Camping trailers and supplies and Wood Shop Tools Located 4 miles east of Lancaster and 2 miles west of Leola along Rt 23, Lancaster, PA Sale by Veltsoe Brothers Robert E Mar tin & Son 656-7770 and Frank L Steller 656 1895 Auctioneers

SAT APR 4 - 9 30 A M Large Inventory Reduc tion Sale at Marshall Machinery, Inc , R D 4, Honesdale, Pa 18431 Over 60 Farm Tractors, 25 Industrial Units, 200 Pieces of Farm Machinery Watch for complete listing or write for information

WED APR 8 Easter Lamb and Goat sale at the Belleville Livestock Market, Belleville, PA

THURS APRIL 9 11 A M Lamb & Goat 10 A M Rabbits Located at the Keister's Middleburg Auc tion Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selin sgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auc tioneers

FRI APRIL 10 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

SAT APRIL 11 Public Sale of Farm Equipment, Antique Steam & Gas Engines and Household Goods Located 1 mile east of Blue Ball along Rd 322 Ervin M Horst, Owner Nevin Z Martin and Paul W Horst, Auc tioneers

SAT APRIL 11 - 9 30 A M C H Wolgemuth and Sons Annual Public Sale of Farm Equipment and Tools located 4 miles West of Manheim, Lancaster County, Pa Take Hosler Road to Valley Road just North of Rt 283 and 10 minutes from Lebanon Hershey Turnpike Exit 20 (Look for sale signs) C H Wolgemuth, Sale Manager, RD #2 Manheim, Pa

SAT APRIL 11 11 A M 1 80 acre Poultry Farm Located approx 2 miles west of Morgantown along Rt 23 Caernarvon Twp , Lanc Co , Pa Terms by Jesse R & Verna Mae Stoltzfus Elton & Alvin Horning Auctioneers, HORNING FARM AGENCY, INC

WED APR 15 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS APR 16 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullen dore, Auctioneer

THURS APR 16 Public Sale of Complete Dairy Herd and Farm Equip ment Dispersals Located west Cocalico Twp , along Rt 897, Lancaster Co , PA Sale for Robin N & Mim Ginder Randall V Kline and Lloyd H Kreider Auctioneers

FRI APR 17 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister s Middleburg Auc tion Sales Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selin sgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auc tioneers

FRI APR 17 11 00 A M Public Sale of Valuable 97 acre farm, 2 Ford Tractors Farm Machinery, Household Goods, Etc Located 6 miles NE of Hughesville near Mt Zion Church Lycoming Co Rolland & Eleanor Fry, Owners Max Fraley & Son Auctioneers 546 6631

SAT APR 18 Public Sale of Lawn & Garden Equip ment Sale for Lawn Care of PA, Daniel Z Martin Martindale, PA Kline & Kreider Auctioneers

SAT APR 18 1 00 P M Public Sale of Feeder Steers Located 12 miles west of York, PA ¼ mile east of East Berlin PA along Rt 234 C L Cot Jacobs and Barry L Jacobs Owners Clair R Slaybaugh Auctioneer

PUBLIC AUCTION

FARM EQUIPMENT

SATURDAY, FEB. 21, 1981

10:00 A.M.

RAIN OR SHINE

Directions: 4 miles east of Hughesville, Md. on Rt. 231 or 9 miles west of Prince Frederick, Md. on Rt. 231.

BENEDICT, MD.

IH 300 tractor w/plow and disk, IH Super A w/cultivators and side-dresser, IH Super C w/blade, AC WD 45 tractor M.F. 150 tractor, J.D. BO tractor, Gleaner combine, John Deere combine, plow 1-2-3-4 bottom - 3 point hitch and pull-type, 6 ft., 7 ft., 8 ft. blades, 1 and 2 row tobacco planters, 1 and 2 row cultivators, 6 ft. and 7 ft. disks 3 point hitch, wagons, drag harrows, mixer-grinder, 10 ft. cultipacker, boom-poles, spreaders, weeders, 1 row potato planter, 2 row potato planter, 12 ft. x 14 ft. overhead door, seed cleaner, corn planters, blade for Super A or 140 IH, 8 ft and 12 ft wheel disks, 1 row potato digger, 12 ft., 14 ft., and 16 ft. farm gates, 5 ft. bush-hogs - 3 point hitch and pull-type, 2 row corn-picker and shaller, scoop, wood saw, fox silage chopper, truck mounted 4" Hyd. Auger, 30 ft. 6" belt, grain tank, and other equipment too numerous to mention plus small tools.

Terms: Cash or Good Check w/ID.

ROBERT L. ROBINSON
Benedict, Md.
274-3185 or 843-2088

Auctioneer: Blaine Rentzel

Not Responsible For Accidents On Premises
Lunch will be served

PUBLIC SALE

SATURDAY, FEBRUARY 21

10:00 A.M.

Located 4 miles southwest of the Norman Wood Bridge, 6 miles south of Airville, 5 miles north of Delta, 2 miles south of Route 372 and Route 74 intersection, ¼ mile west of Route 74, along Snyder Road. Lower Chanceford Twp., York Co. Penna.

LIVESTOCK

Pair of white horses, 1 odd white horse, 1 odd bay horse. 5 Bred Sows, due to farrow near sale time. 30 feeder pigs. One Guernsey family cow.

FARM EQUIPMENT

John Deere 24T baler with engine, John Deere KBA disc harrow; McD ground driven corn binder; Farmhand wheel side rake; McD #9 grass mower; hay tedder;

New Idea transplanter; John Deere #999 corn planter; New Idea #8 manure spreader;

Oliver single bottom trailer plow; John Deere 3-section spring harrow; two log rollers; Wiard #106 walking plow; Oliver tight bottom hay loader; New Idea 40' elevator; Judson lime and fertilizer drill; two McD riding cultivators; McD ensilage cutter; blower;

Two fore trucks, one with auto turn and brakes; two steel wheel wagons; spring wagon; fork lift for caterpillar; concrete mixer; bob sled; water tank on gears; manure spreader gears, Cannon corn sheller; Molmix tank; dirt scoop; jet-nozzle sprayer; Wisconsin engine, Two Minnich tobacco presses; barrel stripping room stove; 275 gallon gas tank;

Two Smidley 12-hole hog feeders; belts; large quantity of various size Peach Bottom slate, Stihl shoulder sprayer, ensilage cart; extension ladder; 48 pieces of 12" x 16' white siding,

Pioneer chain saw; clover seed sower, drill press, two vises, pipe wise, log chains, grinder; nuts and bolts,

Six sets of front gears; collars, bridles, lines; 1,2,3,4,5, and 6 horse hitches,

Some household goods--Bottled gas kitchen stove, oil space heater; ice refrigerator, bureau, etc and many other articles too numerous to mention,

Owner,
KATIE F. ZOOK

Sale at 10:00 A.M.
Diffenbach's Aucts.

PUBLIC SALE

REDUCTION SALE OF INVENTORY FARM MACHINERY, TRACTORS, COMBINES, TILLAGE, ETC. SNOWMOBILES, LAWN & GARDEN TRACTORS, CHAIN SAWS, AND OTHER SMALL ITEMS

TUESDAY, FEBRUARY 17

At 10:30 A.M.

Located 12 miles South of Lancaster along Rt. 272 at the Buck.

NEW EQUIPMENT

JD 2640D Tractor w/300 hours; 146 Loader w/72" Bucket; JD 34 Spreader, JD 660 Spreader, JD 415 Rotary Hoe; JD 1100 Field Cult.; JD 1710 Mulch Tiller, Kill-Bros 350 Bin Wagon w/JD 965 Running Gear; Grain Chief Portable Grain Dryer, Woods M-5 Rotary Mower; Woods 6' & 7' Rear Blades; Satoh Beaver Tractor, Woods RM 48 Rear Mount Mower; Satoh 42" roto tiller for Beaver; Cherokee 3 pt Portable Cement Mixer; JD 1608 Chisel Plow 3 pt Hitch

USED TRACTORS

David Brown Tractor w/HD Loader; 870 Case Tractor; JD 530 Tractor; 630 JD Tractor; 730 JD Tractor; JD 420 Tractor w/Hyd Driven Sickle Bar Mower; JD A Tractor w/Cultivator; IHC Cub w/Woods Mower; IHC Farmall A Tractor w/Woods Mower, 8N Ford Tractor w/Sauder Loader.

USED FARM MACHINERY

Gleaner Model C-2 Combine w/Grain Head & 4 Row Corn Head; Hesston 6600 Self-Propelled Mower Conditioner w/14 ft. Platform, PT-10 Mower Conditioner, 1070 Hesston Mower Conditioner, JD 336 Baler w/30 Kicker; JD 24T Baler w/Engine; JD 24T Baler; 214 Baler; AC 303 Baler w/Kicker; Hesston 5600 Round Baler; JD 34 Harvester; 38 Harvester w/2 Row Head; JD 3800 Harvester w/2 Row Head, New Holland 770 Harvester w/2 Row Corn Hd & Hay Pick-up; JD 4 Row Tool Bar Corn Planter w/24B Units; JD 494 4 Row Corn Planter, JD 1240 4 Row Corn Planter; IHC 4 Row Corn Planter Double Disk Openers; AC 6 Row Corn Planter; 333 Liquid Fertilizer & Monitor; JD 44 Manure Spreader; JD 54 Manure Spreader; JD 37 Manure Loader for JD 2020 Tractor; JD 58 Loader For 4020 Tractor; Great Ben Loader for 2020 to 2640 Tractor; JD 65 Blower; 66 JD Blower; JD 6000 Blower; JD 15x7 Grain Drill; Brillion 8 ft Seeder, Brillion 9 ft. Single Packer; Athens Disk Harrow. JD Plow 810A; Oliver 2 Bottom Plow; JD 2 Bottom Trailer Plow; Cult. for 420 Tractor; AC 200 Gallon Trailer Sprayer; JD AW Disk Harrow, Case Grinder Mixer; Electric 5010 Running Gear; Used International Forage Wagon w/IHC Running Gear; NH Forage Wagon w/NH Running Gear; Used Dunham HD Cultimulcher; JD 16A Flail Chopper.

CHAIN SAWS

New #32 Husqvarna w/14" Bar; New #38 Husqvarna w/14" Bar; Used Lancaster Chain Saw; Used Sears w/16" Bar; Used Frontier Chain Saw w/16" Bar; Used Min-Mac w/12" bar.

SNOWMOBILES

Used JD 600 Snowmobile, Used Chaparral 338 Snowmobile, Scorpion 440 Snowmobile.

LAWN GARDEN TRACTORS

JD 10HP Lawn Tractor w/Haban Flail Mower; JD 112 10HP Lawn Tractor w/46 Mower; Yardman 7HP Tractor w/Mower; Massey Ferguson 12HP Lawn Tractor/Mower; JD 66 Riding Mower; Ariens 5 HP Riding Mower; Snapper 8 HP w/Grass Catcher;
Wagon Load of Small Items to be sold at beginning of sale

Terms By
WENGER IMPLEMENT INC.
717-284-4141

J. Everett Kreider & Steve Petersheim
Auctioneers
786-1545

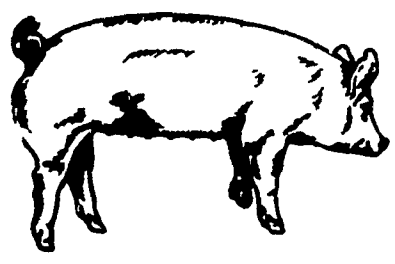
Financing Available JDCP, PACE, VISA, MASTER CHARGE
Cash or Good Check
Items Subject to Change Due to Daily Sale
Refreshments Day Of Sale

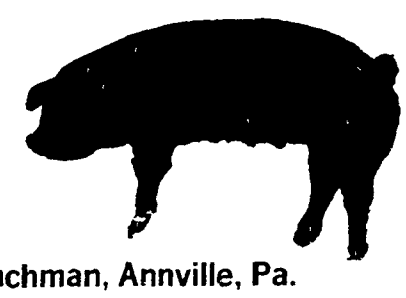
Lawrence, Leon and Thomas Arnold

17th PRODUCTION SALE

OF

Yorkshires **Durocs**





AUCTIONEER, Harry Bachman, Annville, Pa.

★ 50 BRED GILTS
(All gilts are hand mated)
Due March & April — Pick due dates to fit your farrowing schedule

★ 40 BOARS
(Ready for heavy service)
25 Yorkshire, 15 Duroc, 7 to 8 months old Ready for Heavy Service Feed efficiency & test station information

★ 40-50 OPEN GILTS
(Ready to breed)
Yorkshire Duroc Crossbred All animals vaccinated for Erysipelas & Lepto Negative tested for Brucellosis & Pseudorabies

Saturday Afternoon, February 28, 1981 1:00 P.M.
Sale To Be Held At The **LEBANON AREA FAIR GROUNDS**
Cornwall & Evergreen Roads, 1½ Miles South Of LEBANON, PA

Visit With Us At Our Booth At The
KEYSTONE PORK CONGRESS
February 19 Host Corral, Lancaster, PA

CATALOGS AVAILABLE FEBRUARY 15

WRITE OR CALL

LEON L. ARNOLD
RD 7, Box 705, Lebanon, PA 17042
Phone: (717) 273-5880

FRI APR 24 - Spring Heifer Sale, 250 300 head of Registered and grade Holstein heifers, spr ingers, bred and open, held at the Belleville Livestock Market, Belleville, PA

FRI APR 24 6 30 P M Yorkshire and Duroc bred gilts, open gilts and boars Held at the Lebanon Fair Grounds For information Leon L Arnold 717 273 5880

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
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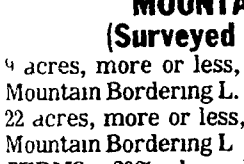

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Slaughtered under federal inspection
Prompt payment & prompt service
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ask for Barbara

PUBLIC AUCTION

FARM & MOUNTAIN LAND
THURSDAY, FEBRUARY 19
AT 10 A.M.

Sale to be held at farm located one and one-half miles West of Belleville, Mifflin County, Pa., along Rt. 655 (turn left at Knepp Road T342, first farm on left)

–Three Parcels Of Real Estate To Be Sold Separately·

FARM

113 acres, more or less (approx 90 tillable, bal pasture), small stream, frame house, large barn and outbuildings

Property sold subject to existing lease which expires March 31, 1981

MOUNTAIN LAND
(Surveyed Dec. 1980)

9 acres, more or less, on north side of Jacks Mountain Bordering L. Rt 44033

22 acres, more or less, on north side of Jacks Mountain Bordering L Rt. 44033

TERMS: 20% down–balance withing three weeks upon delivery of deed.

Right to withdraw property and reject any or all bids is reserved.

Real Estate Taxes prorated to date of settlement–Transfer Taxes to be shared equally by buyer and seller.

MINNIE M. WILSON ESTATE
Lewistown Trust Company,
Executor
Phone· 242-0381
Mark Glick, Auctioneer
Siegel and Siegel, Attorneys

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT APRIL 25 15th Colonial Charolais Spring Sale Location Winchester Auction Market, Winchester, VA Managed By Buzz Garey 100 Walnut Lane, Morrisville, PA 19067

SAT APR 25 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT APRIL 25 - 4th Annual Public Consignment Sale of Farm Machinery, large quantity of New Building Materials, Tools, Households, etc by Newburg Hopewell Vol Fire Co Newburg, Pa Cumb Co Art Rife, Auct

SAT APR 25 10 A M 6¼ Acre farm & personal property Located at east end of Cambridge From Honey Brook follow Rt 10 south approx 1 mile to Cambridge Rd , turn west go approx 1 mile to pro perty Honey Brook Twp Chester Co , Pa Terms By John B & Kathryn M Weaver Elton & Alvin Horning Auctioneers, HORNING FARM AGENCY, INC

SAT APR 25 Wayne Co Calf Sale at Wayne Co Fairgrounds 1 mile north of Honesdale, PA just off Rt 191 Donald Bryant Honesdale, PA

MON APR 27 7 P M Public Auction of Brick Ranch Style Dwelling Located along Rt 322 between Ephrata & Clay Owners Harvey W & Anna Ruth Hahn John E & Paul E Martin Auctioneers

MAY

FRI MAY 1 6 30 P M Heifer Sale Held at G M Livestock Market, Duncansville, PA Selling 300 400 Holstein heifers, Registered & Grades

SAT MAY 2 Hubert Charolais Ranches SALE a dispersal of the Missouri division, at the ranch, Richards Missouri Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

WED MAY 6 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS MAY 7 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI MAY 8 - 7 P M Driving and Riding Horse Sale at New Holland Sales Stables

FRI MAY 8 - 6 30 P M Special Dairy Heifer Sale at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

SAT MAY 16 - Royal Charolais Annual Bull Sale and Royal Female Sale Location at the farm, Greensburg, PA Managed By Buzz Garey, Garey Cattle Sales, Inc 100 Walnut Lane, Morrisville PA 19067

WED MAY 20 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS MAY 21 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

JUNE

WED JUNE 3 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

THURS JUNE 4 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore Auctioneer

WED JUNE 17 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS JUNE 18 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

JULY

THURS JULY 2 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS JULY 16 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT JULY 18 COLONIAL INVITATIONAL, at Bratton Charolais Farm (Raymond Bratton, owner), McVeytown, Pa Sale sponsored by the Colonial Charolais Association Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

AUGUST

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS AUG 20 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SEPTEMBER

THURS SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS SEPT 17 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

OCTOBER

THURS OCT 1 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

THURS OCT 15 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

NOVEMBER

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS NOV 19 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

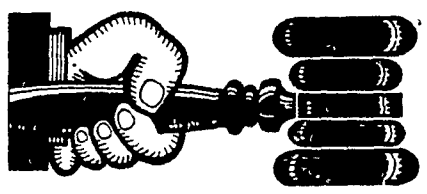
DECEMBER

FRI DEC 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M. Tuesday of each week's publication



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Two good Grade Herds available.
Stock Bulls on Hand.

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Maryland Farm
Woodsboro, MD
301-898-7720 or
898-7663
Tom Miller, Mgr.

MONTHLY COW SALE AT LANCASTER 1ST THURSDAY, MARCH 5 AT 12:00 NOON

MONTHLY COW SALE AT MARYLAND 3RD THURSDAY, FEB. 19 AT 12:00 NOON

PUBLIC AUCTION

INVENTORY REDUCTION SALE
TWO FARM ESTATES

Located 15 miles south of Dayton, 30 miles north of Cincinnatti, 2 miles northwest of Lebanon, or 4 miles east of Interstate 75, 4 miles west of Interstate 71, on State Route 122 and Hart Rd.

MONDAY, FEBRUARY 16
at 9:00 A.M.

Over 100 tractors, 20 HP to 200 HP; JD, IHC, FORD, MF, WHITE, OLIVER, DEUTZ, DAVID BROWN.

COMBINES: JD, IHC, MF. Over 600 pieces of used farm equipment. Plows - 1 bottom to 6 bottom. Disc - from 5 ft. to 22 ft. Planters and Cultivators - 2-4-6 row. Corn pickers, mowers, rakes, balers, and forage equipment.

TRUCKS: Roll-back machinery, trucks-service trucks, grain trucks, and Semi-Trucks.

For complete sale listings and other details call or write:

HALE'S FARM EQUIPMENT
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Ph. 1-(513) 932-4925

Auctioneers: Paul Stone, Roland Roberts, Curt Howard, Frankie Godley, Stahl Brothers, Ed Goodrich, Jr.

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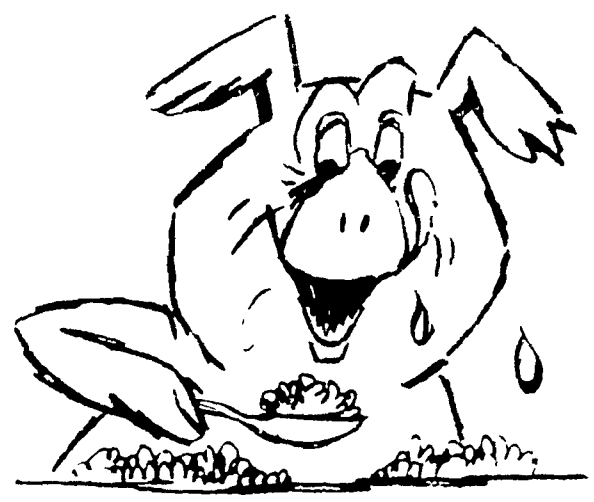
So now you can go all the way with Purina High Octane Chows. Four feed products known as ... The High Octane Performance Team.



Start 'em Right With Tasty Hi-O Baby Pig

	WHAT THEY NEED	WHAT WE PROVIDE
SUPER PALATABLE FARROWING CHOW® easier, safer farrowing	FARROWING ■ Laxative feed for easy, safe farrowing ■ Appetite satisfaction. ■ Medication to reduce scours-causing organisms ■ Low-energy, bulky ration to reduce incidence of MMA	FARROWING ■ Special laxative ingredients to prevent constipation ■ Palatable formula to satisfy appetite ■ Medication with high activity against scours-causing salmonella types of organisms ■ Low-energy, bulky, pelleted formula.
HIGH OCTANE® LACTATION CHOW® COMPLETE more milk, stronger sows	LACTATION ■ Help in producing lots of better-quality milk, even in hot weather ■ Sufficient nourishment to wean heavier litters without excessive sow weight losses ■ High nutrient levels which prevent sows from robbing their muscle tissues and bones to make milk	LACTATION ■ High nutrient density to support production of superior quality and quantity of milk ■ Correct balance of energy, amino acids, vitamins and minerals needed to wean heavier litters ■ Necessary nourishment needed to prevent body-robbing and excessive weight losses
HIGH OCTANE® BABY PIG CHOW® starts 'em right	NEWBORN PIGS ■ High palatability ■ Excellent digestibility ■ Correct ingredients needed to supplement sow's milk and promote fast, early growth. ■ High nutrient concentration to accommodate the pig's small stomach	NEWBORN PIGS ■ Attractive aroma and great taste appeal, specially packaged to seal in freshness ■ Ingredients specifically chosen for easy digestibility. combined into a small particle size ■ Proper balance of nutrients needed to promote fast, early growth while r u sing. ■ High nutrient density formula designed to ensure every ounce gives pigs a real boost
HIGH OCTANE® PIG STARTENA® you can see the difference	15 to 50 LBS. ■ Good palatability ■ High digestibility ■ Plenty of nutritional power ■ Help in fighting disease and stress.	15 to 50 LBS. ■ Special ingredients selected for tastiness and good aroma combined with "ett" form for easy eating ■ High biological availability of nutrients for easy digestibility ■ High nutrient density balance of energy, amino acids, vitamins and minerals needed for improved growth and reduced conversion ■ High level antibacterial drug to reduce effects of stress and help prevent disease.

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